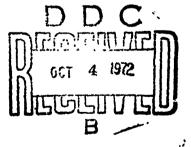


Technical Paper 72-2

CLOUD AMOUNT ATLAS

NORTH AMERICA and WESTERN NORTH ATLANTIC

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Security Classification	
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Atlas of frequency of sky cover in 50	000 foot increments, surface to 35,000 feet.
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Gives frequency of six-tenths or great	
increments from surface to 35,000 feet	(MSL). Two charts are given for each level:

Gives frequency of six-tenths or greater: by cover, by months for 5000 foot increments from surface to 35,000 feet (MSL). Two charts are given for each level; one (K=0) represents stable meteorological conditions, the other (K=.5) represents unstable conditions with strong vertical mixing.

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Major Patricia Hayes

31 August 1972

12th Weather Squadron, 3rd Weather Wing Air Weather Service (MAC) USAF

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PREFACE

The charts in this publication indicate the percent of time that cloud amounts of six-tenth or greater are expected to occur somewhere in the 5000 foot layers indicated.

Two sets of charts are presented, K=0 and K=.5, which indicate the climacology of clouds in an area. The value K=0 represents stable conditions, stratiform clouds with little vertical development. Swelling cumulus with considerable vertical mixing is characteristic of K=.5. The choice of chart should be based on a consideration of probable meteorological conditions.

Data sources were the Revised Uniform Summaries of Surface Weather
Observations, Part D, prepared by Data Processing Division, USAF Enviornmental Technical Applications Center, Air Weather Service, MAC. Summaries for approximately 275 locations in North America and Greenland were used.
Periods of record were generally 10 to 20 years ending in the late 60's.

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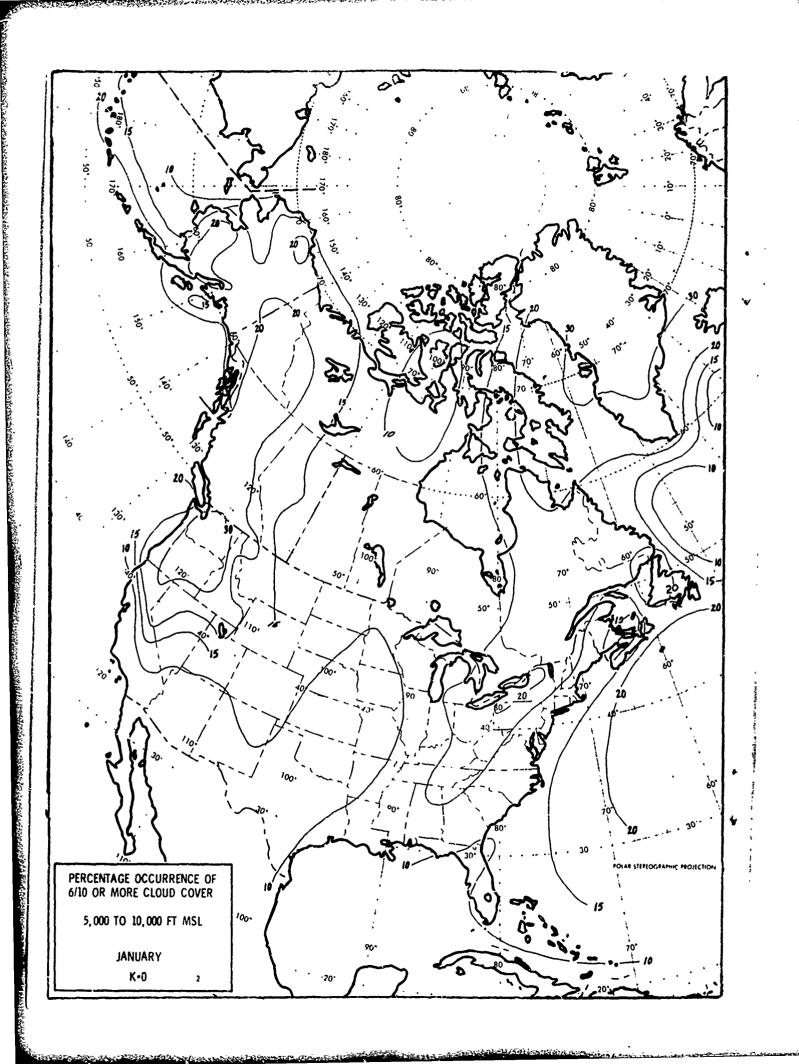
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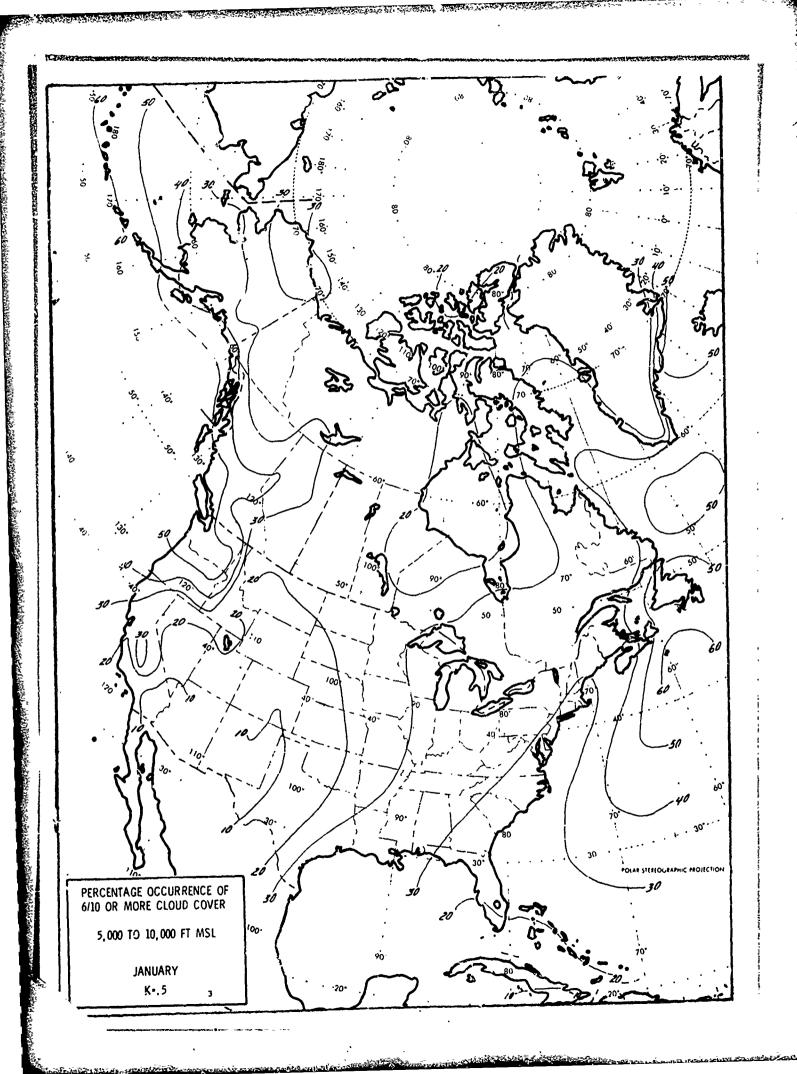
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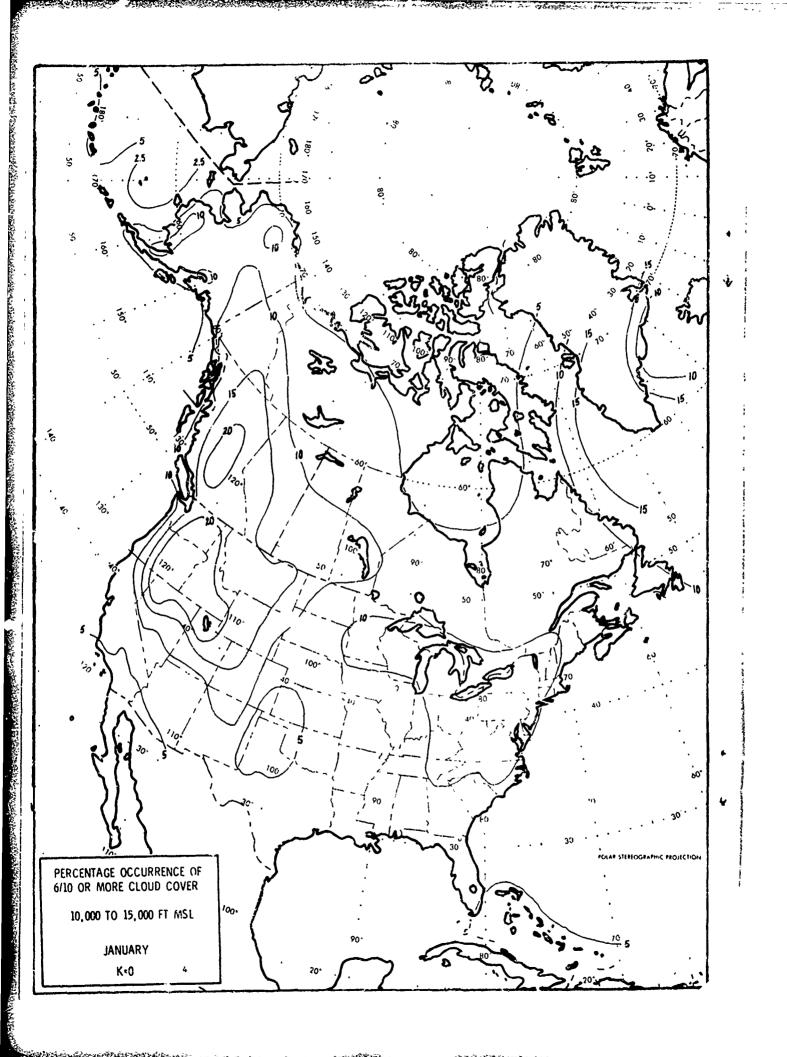
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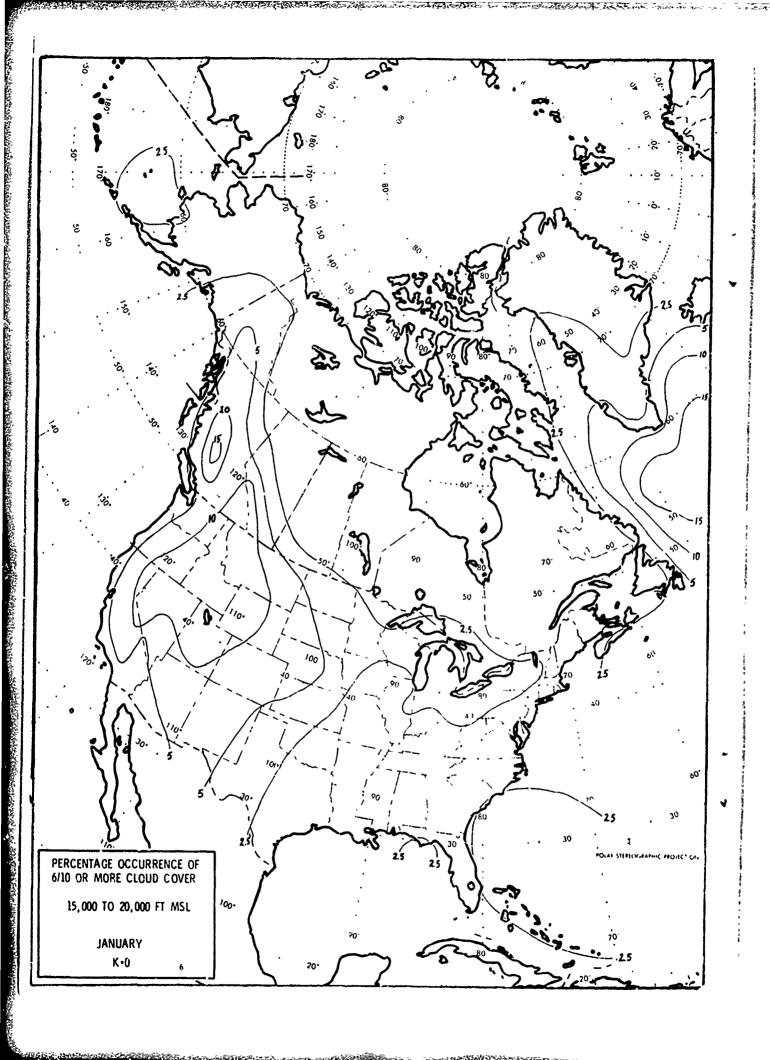
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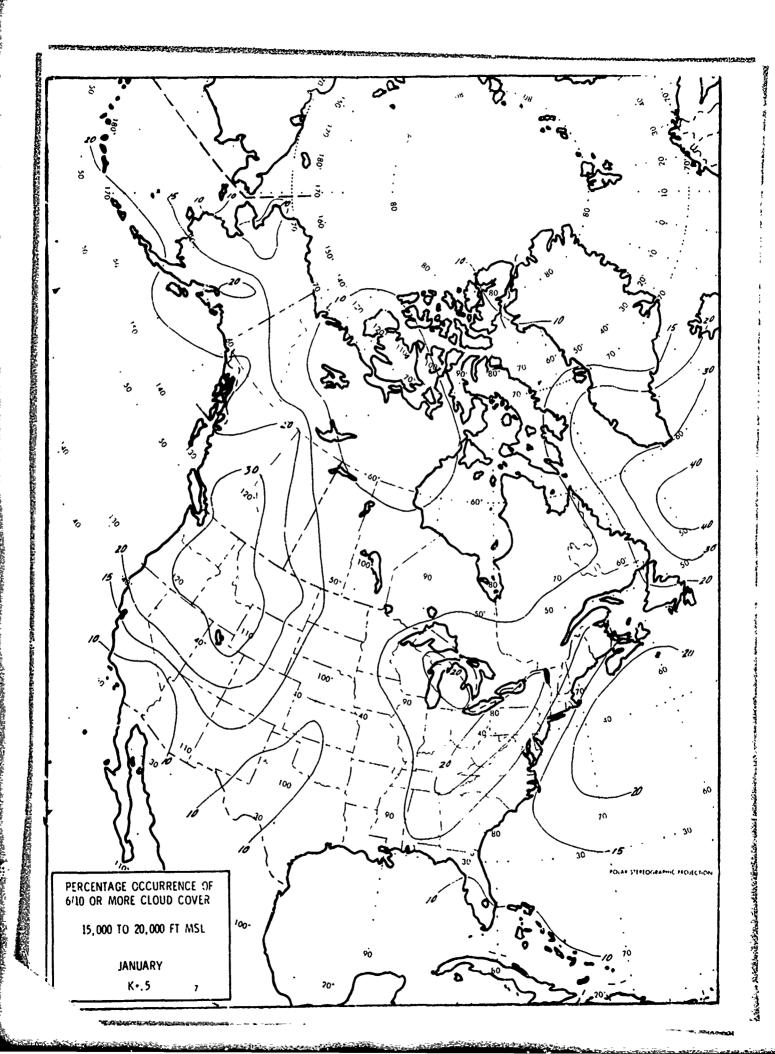


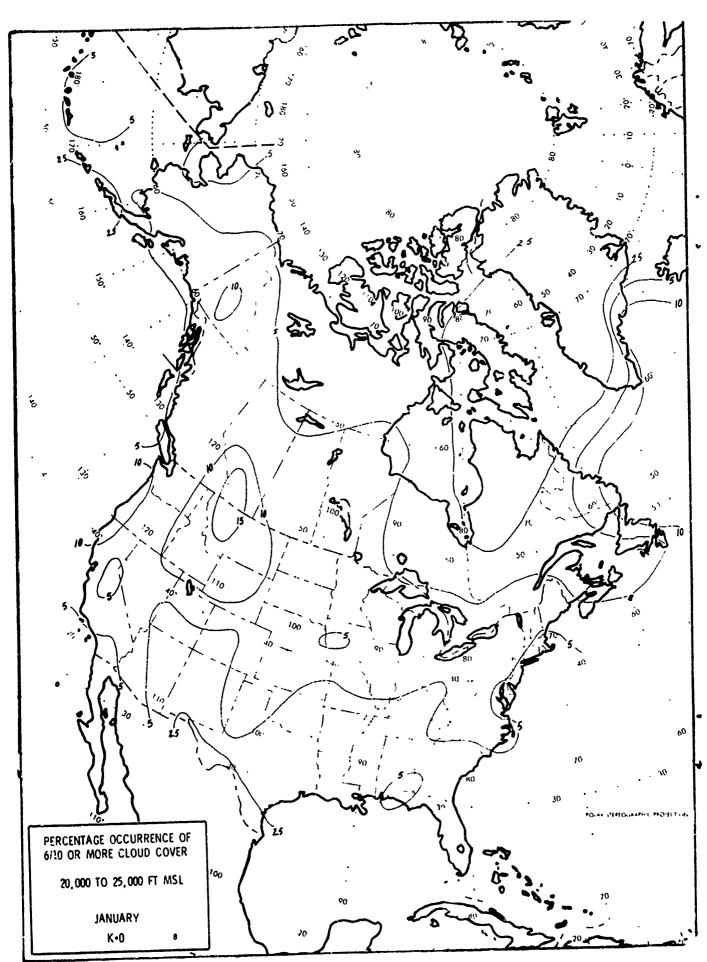


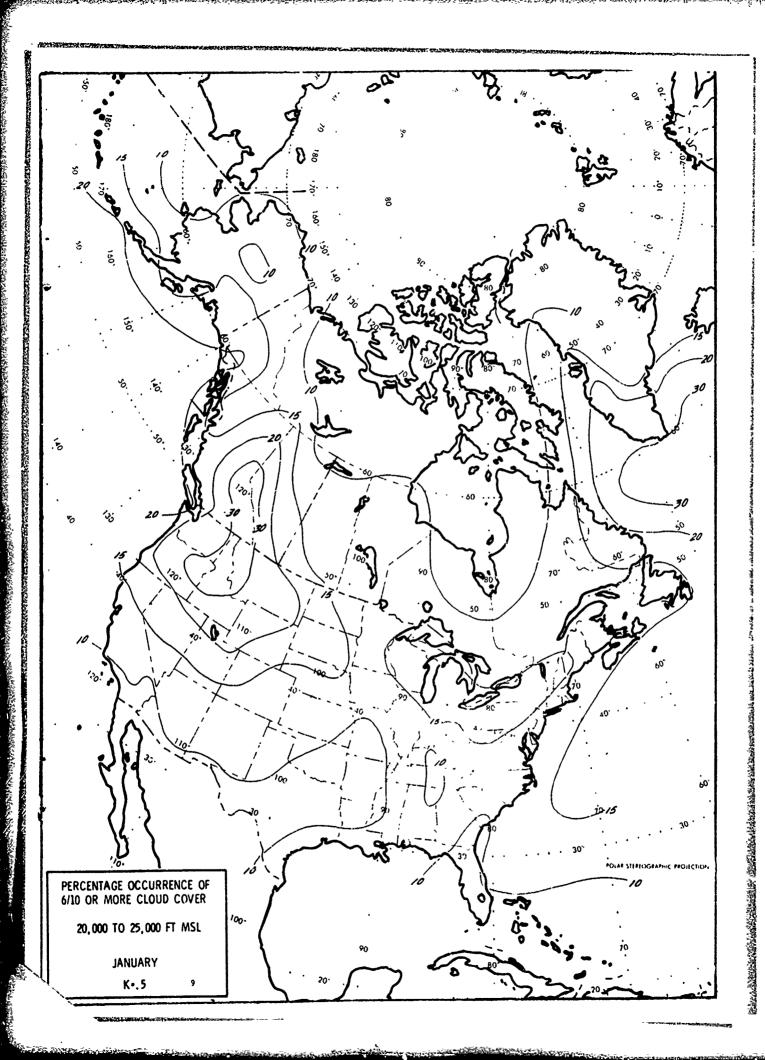


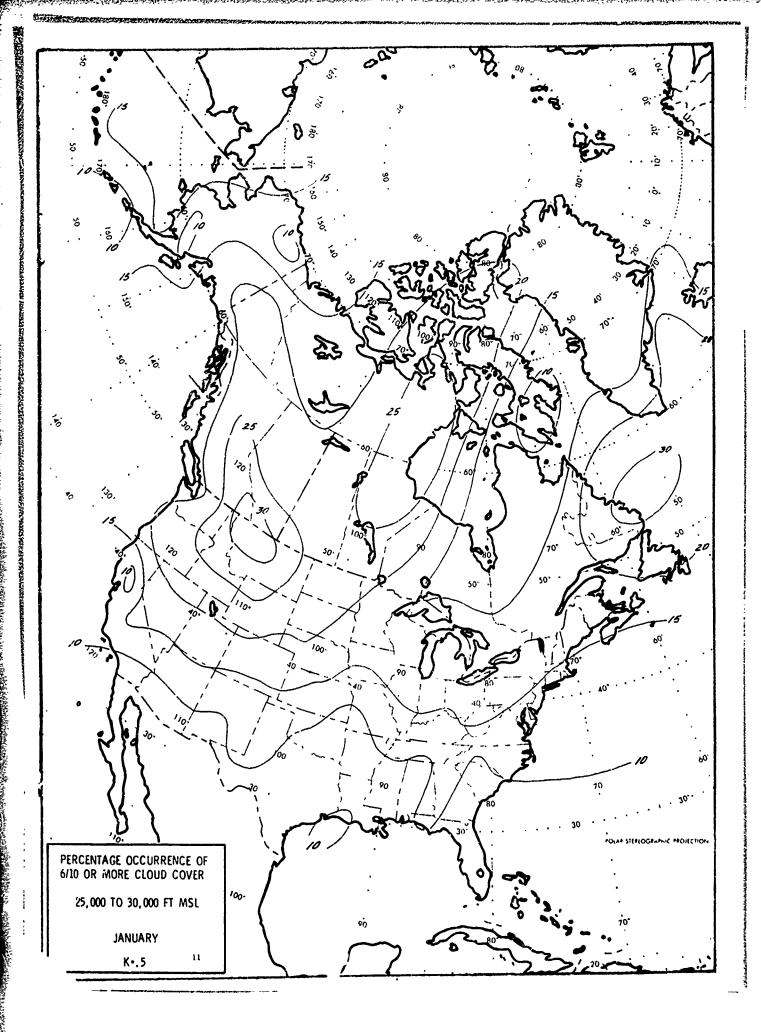
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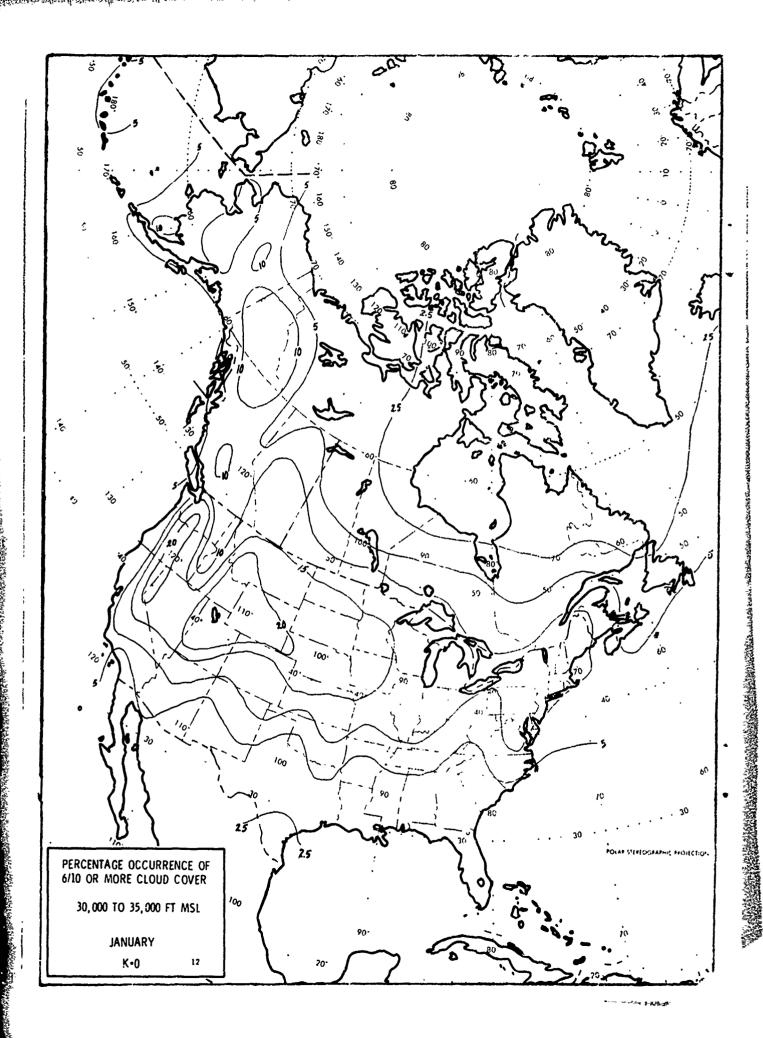


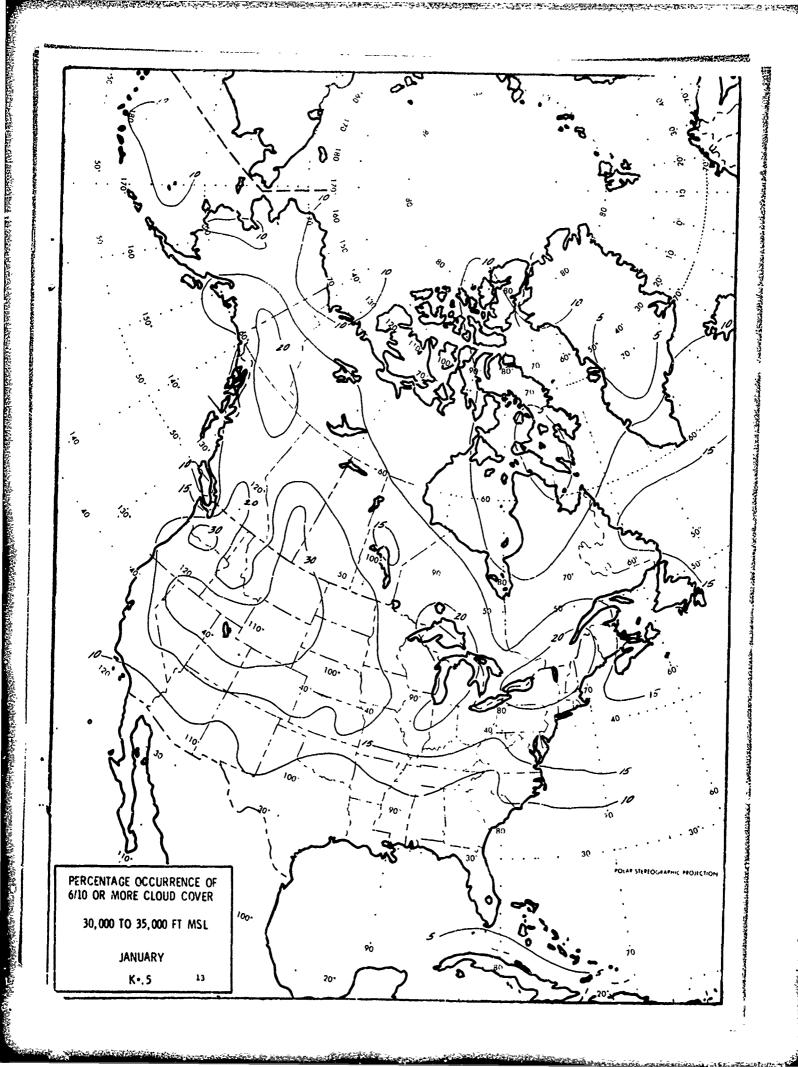


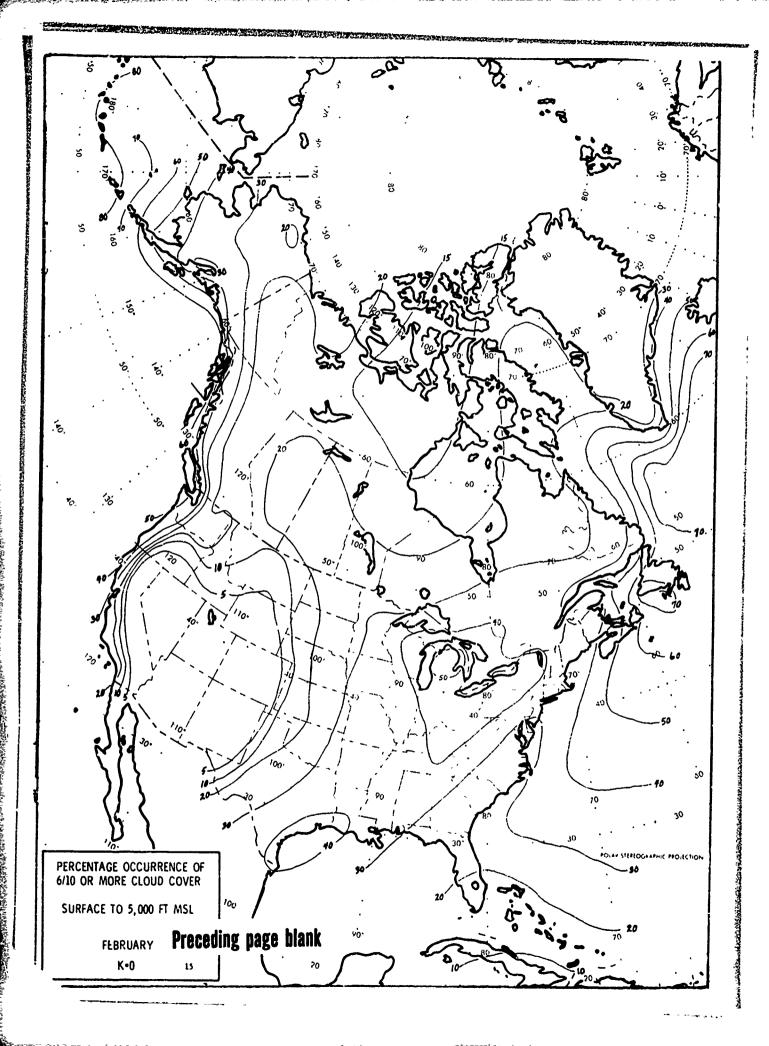




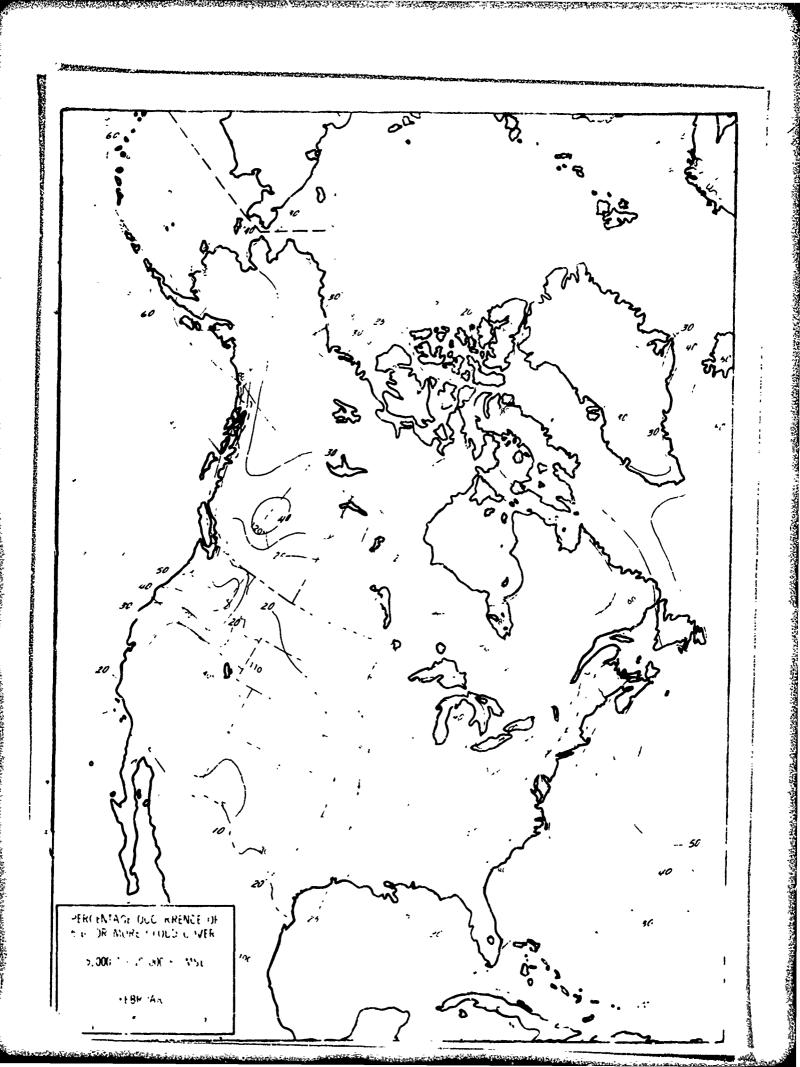


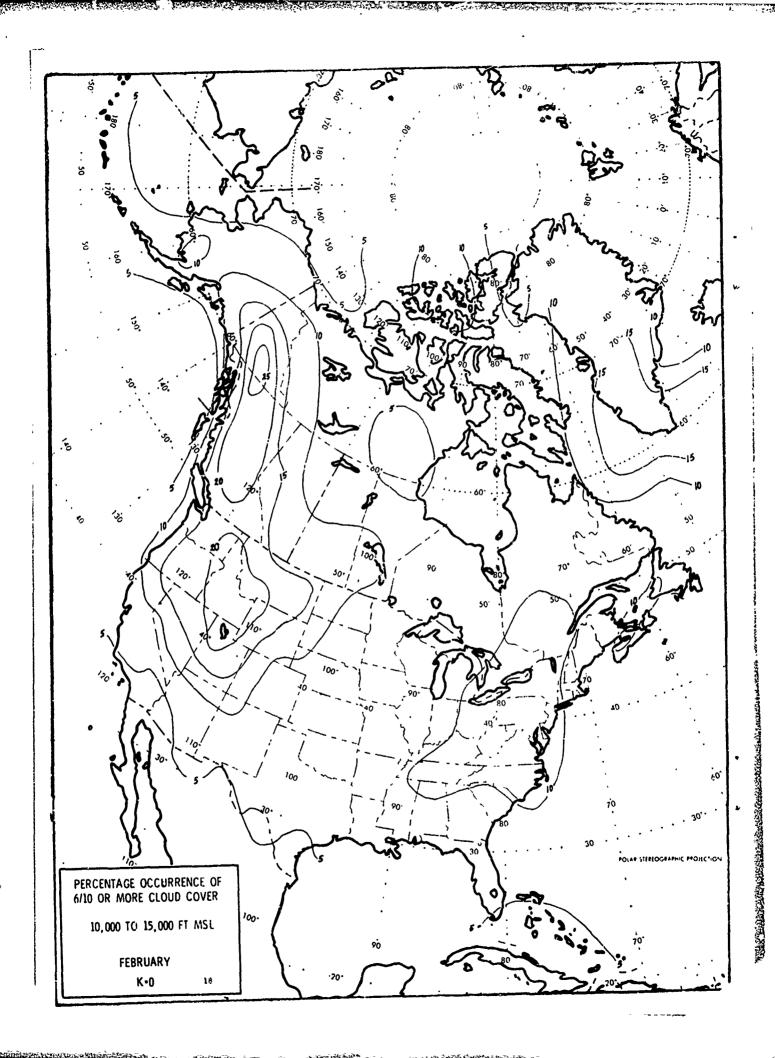


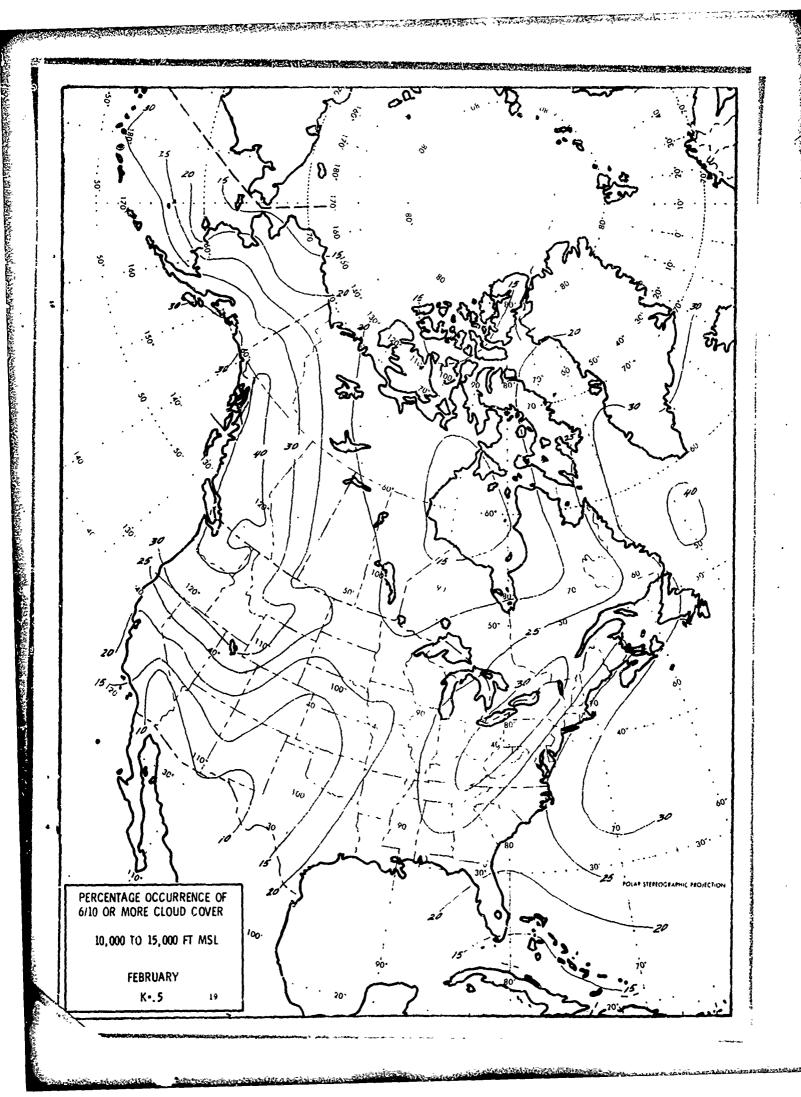


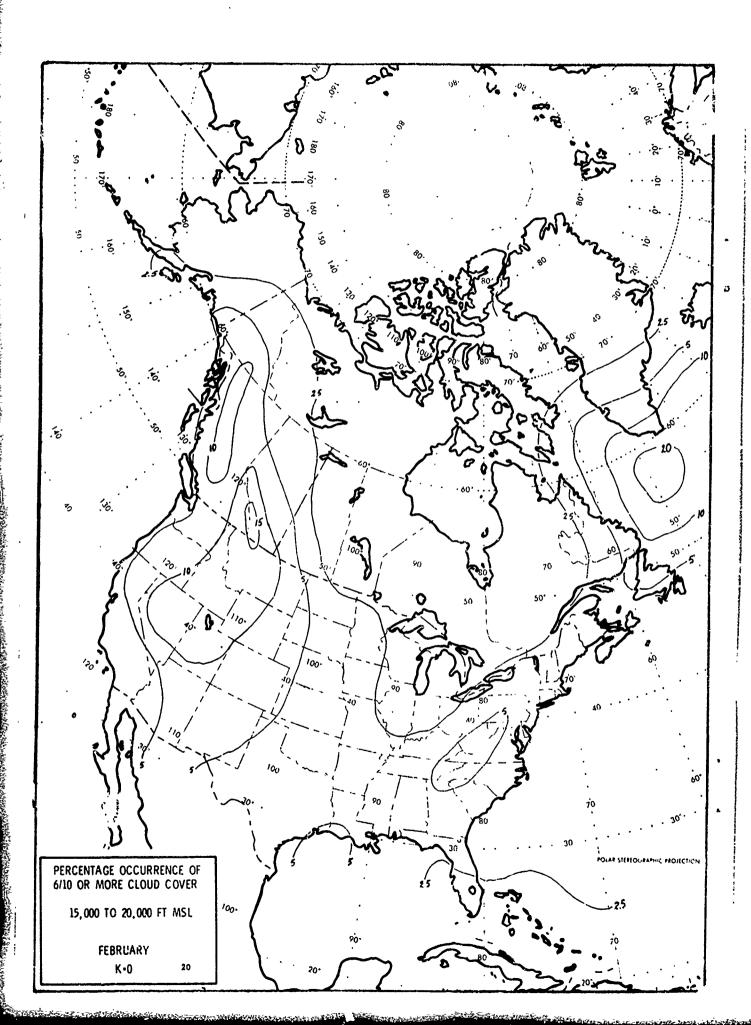


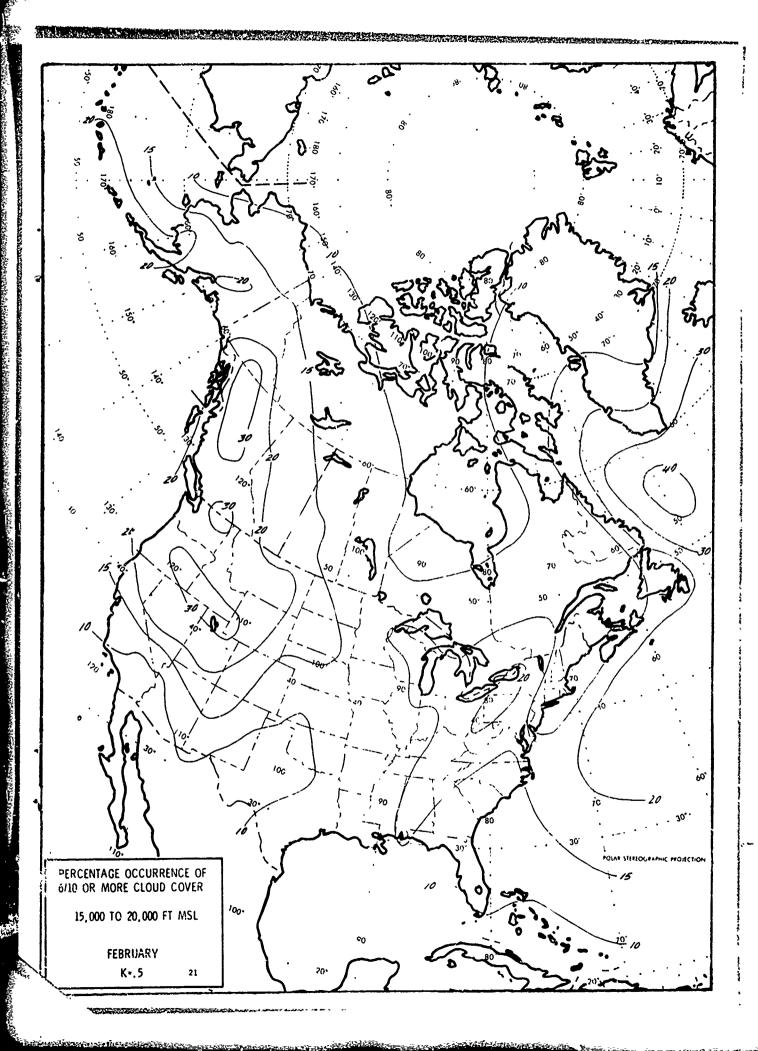
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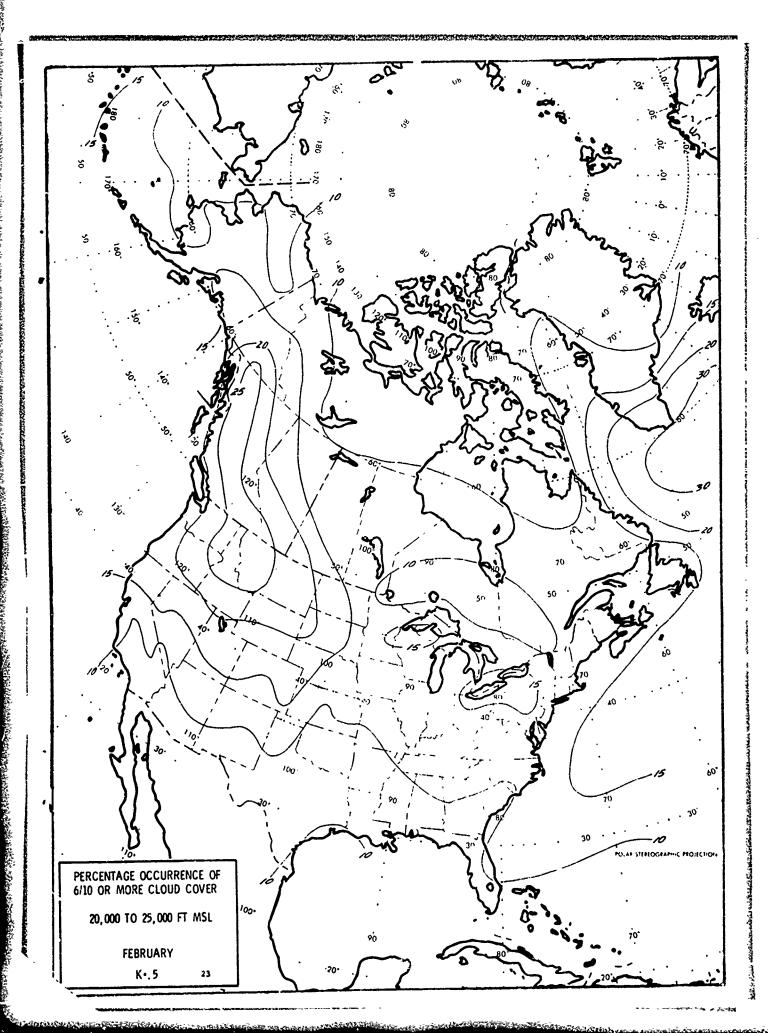


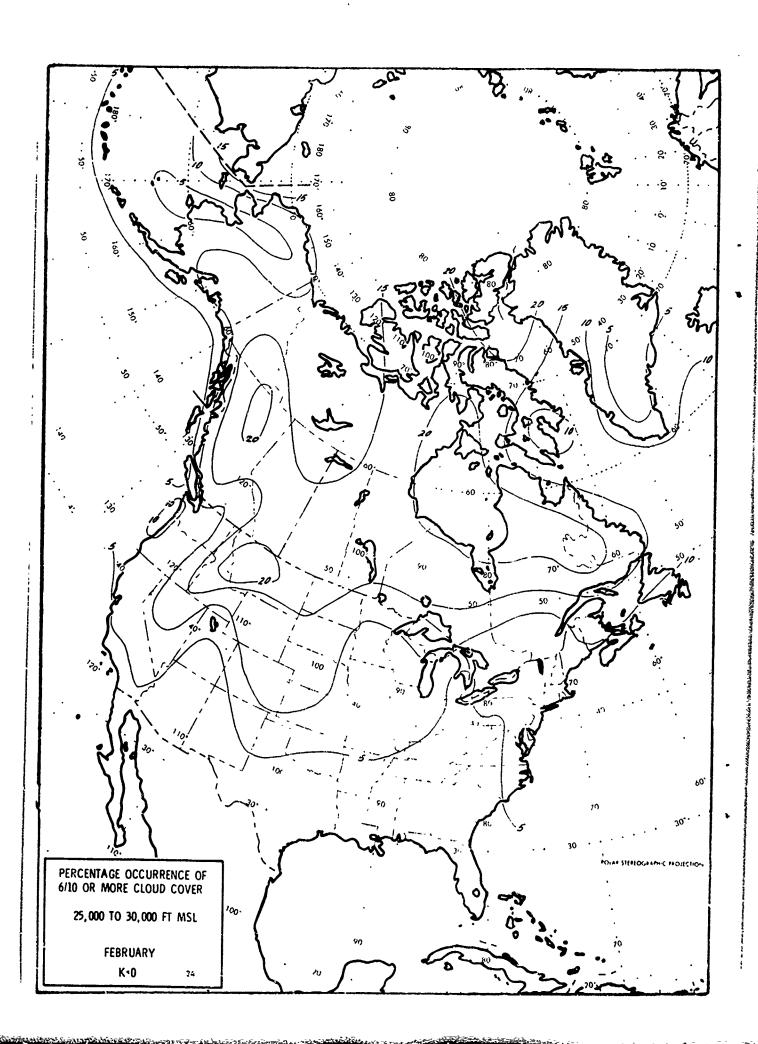


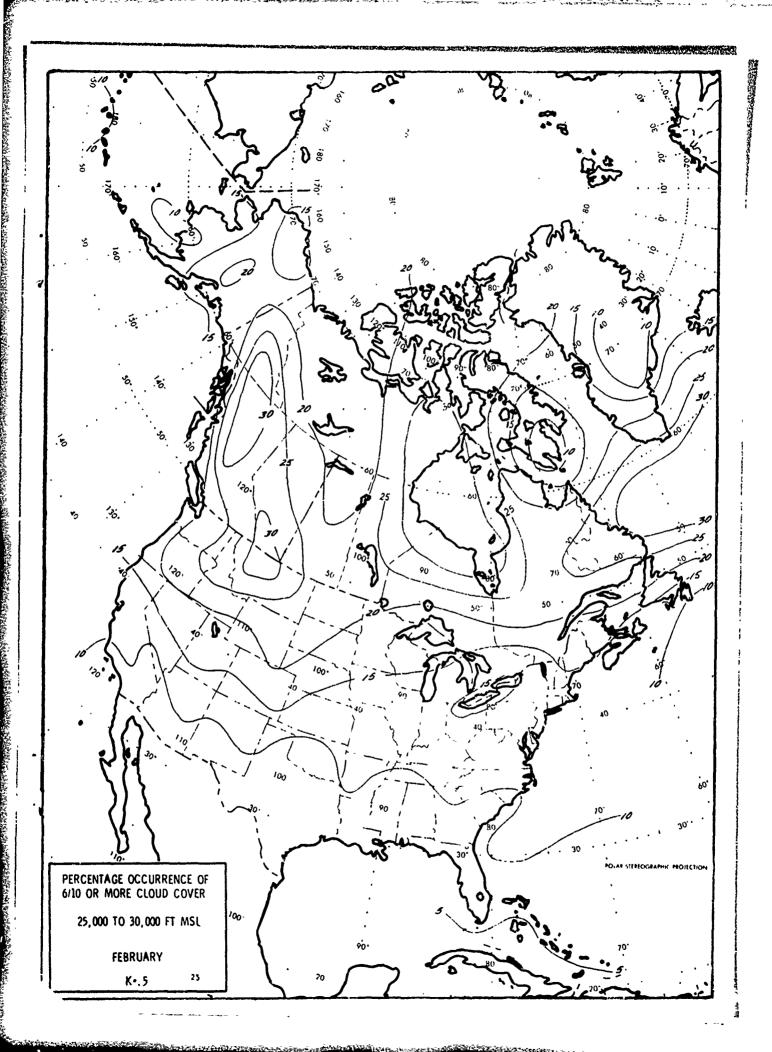


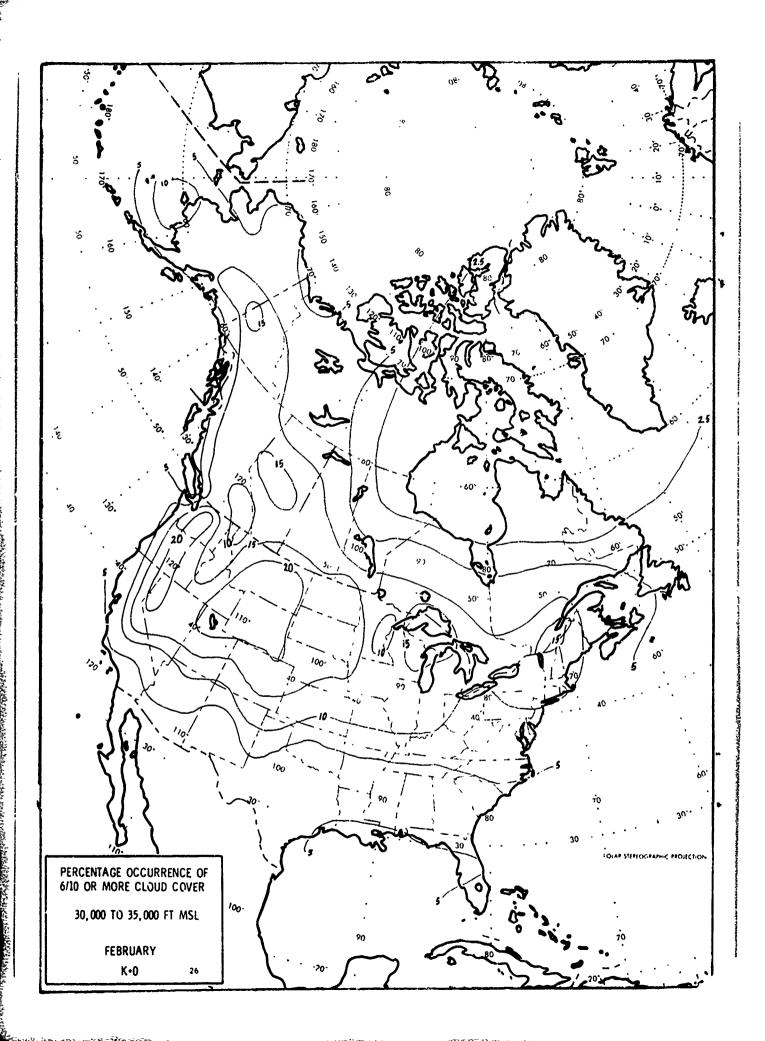


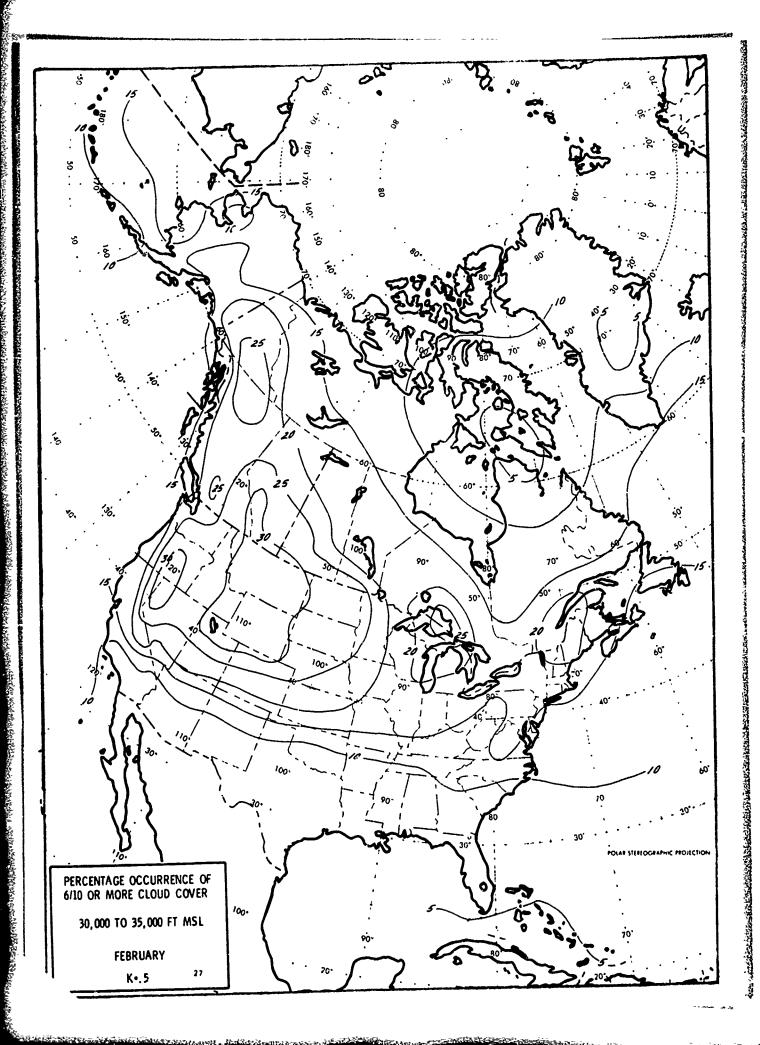


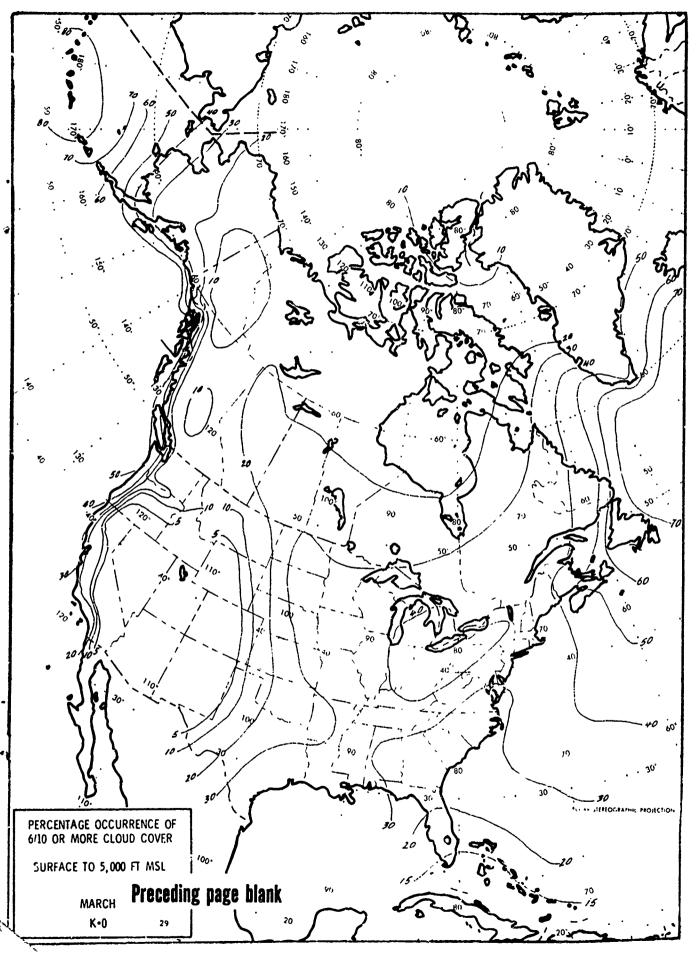


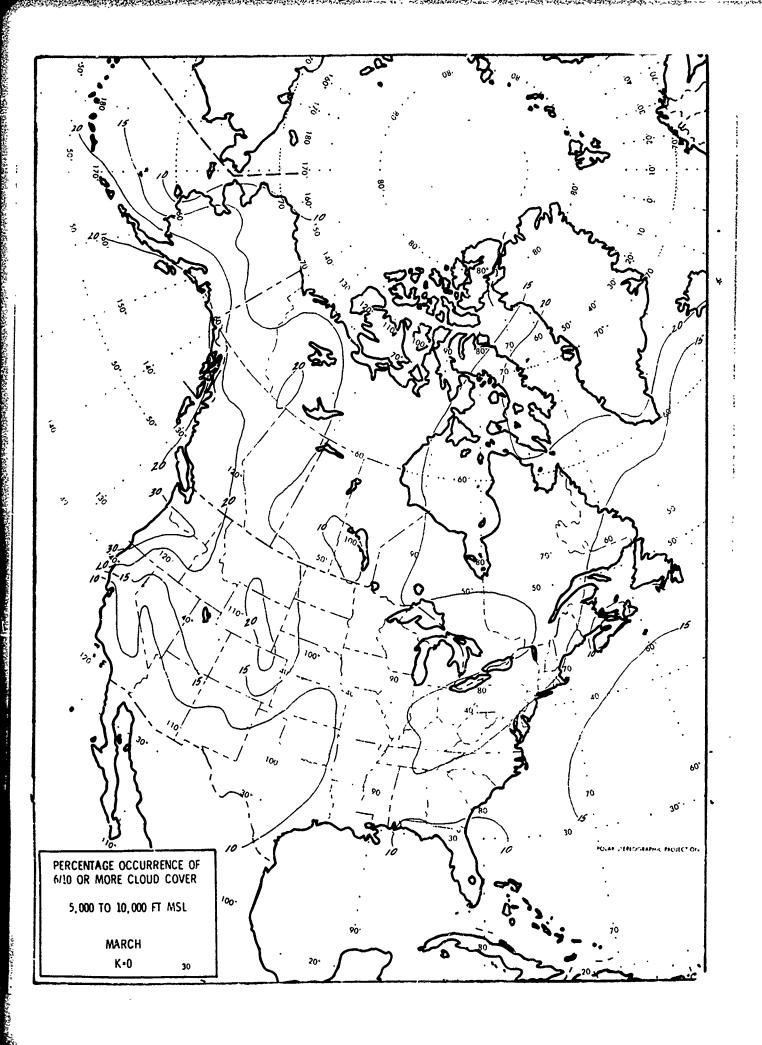


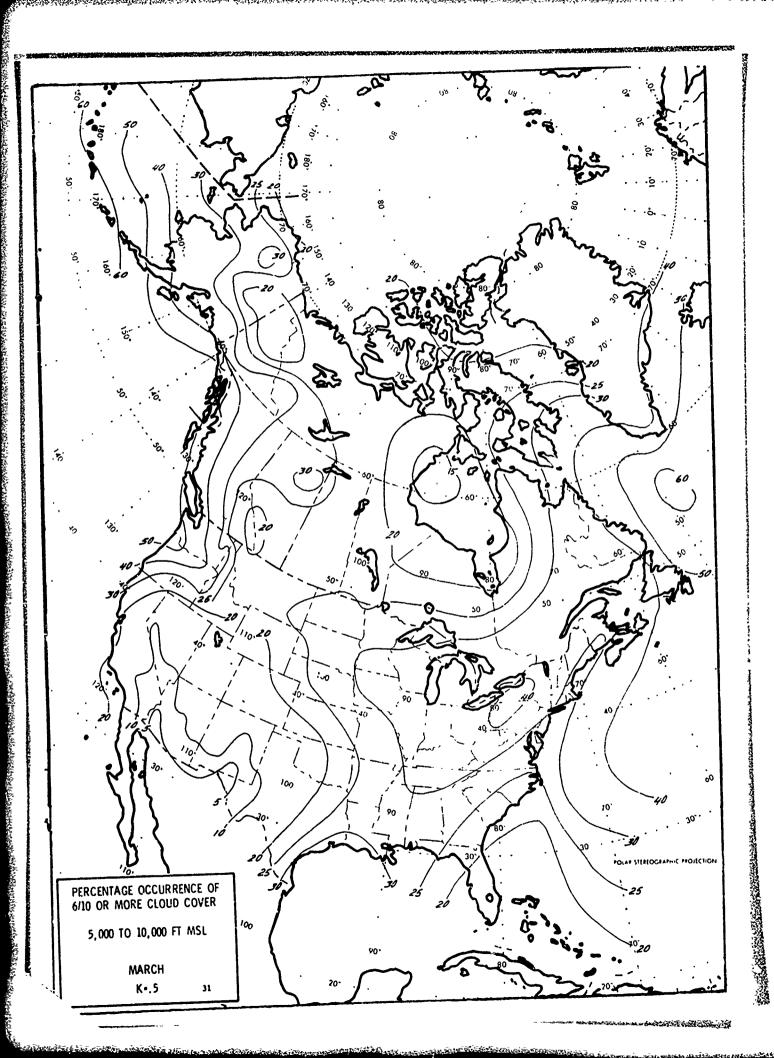


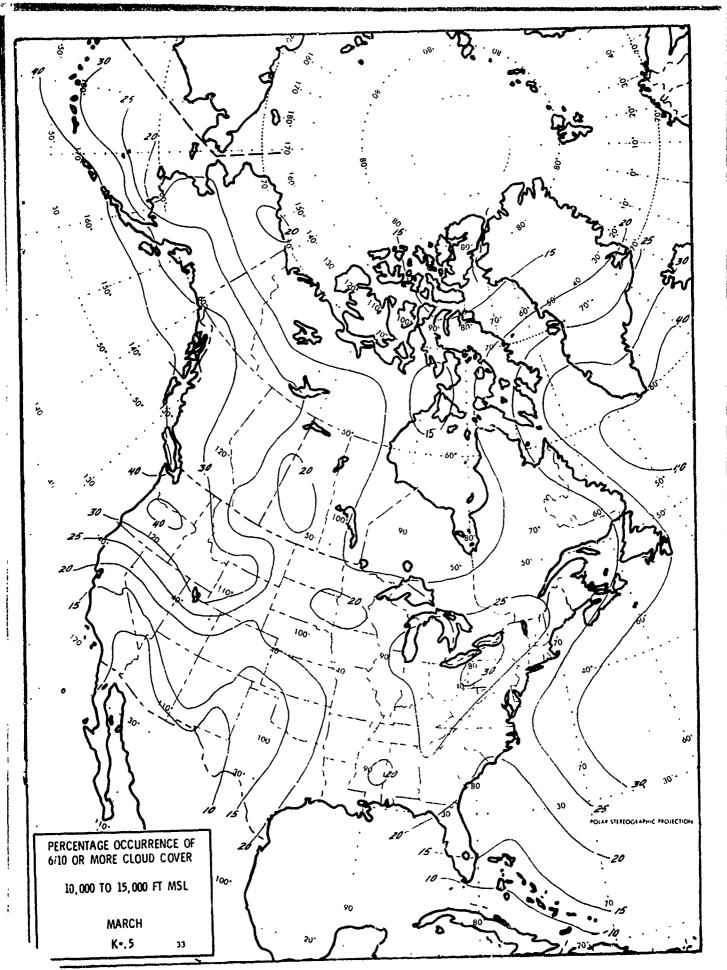




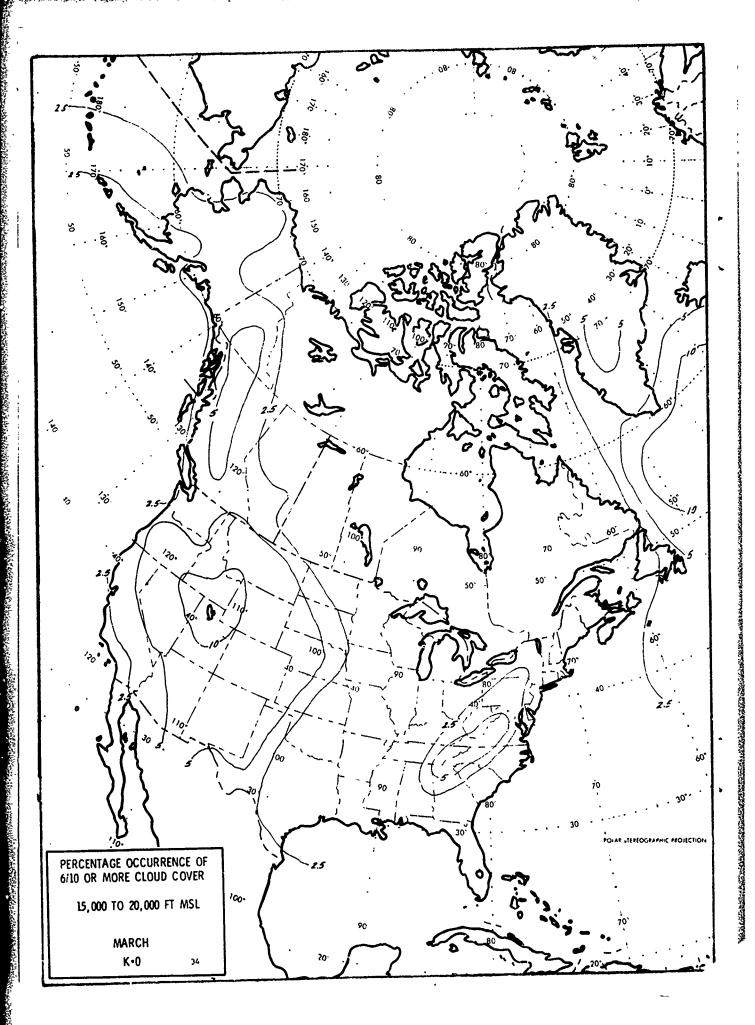


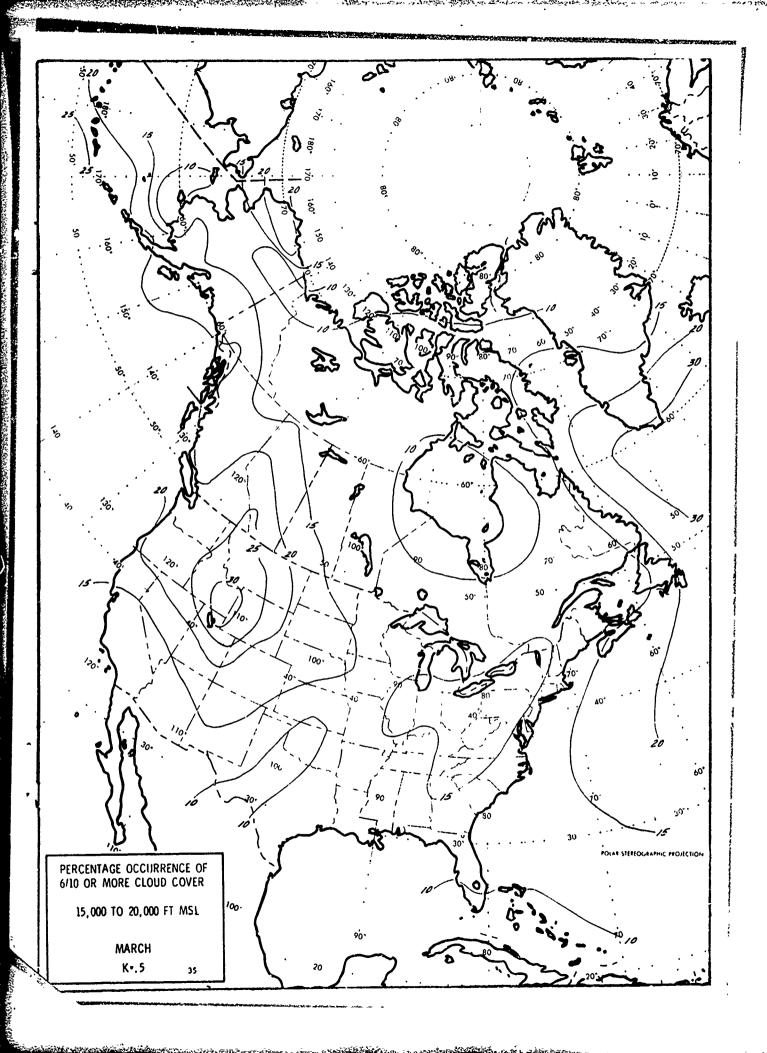


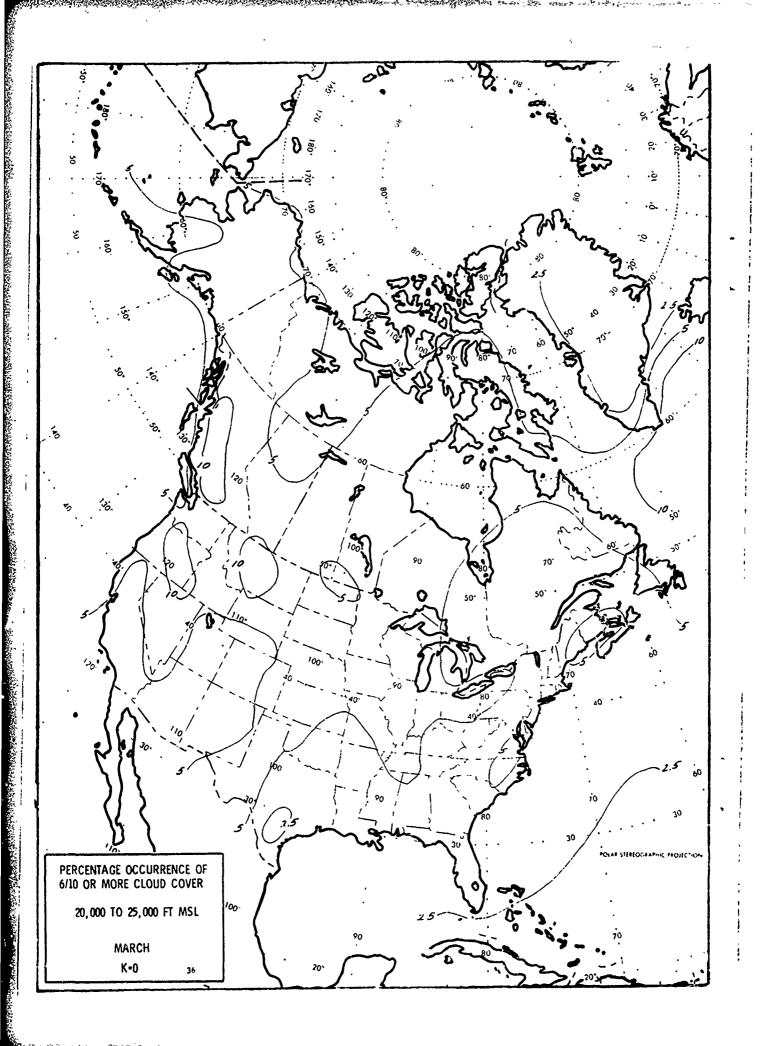


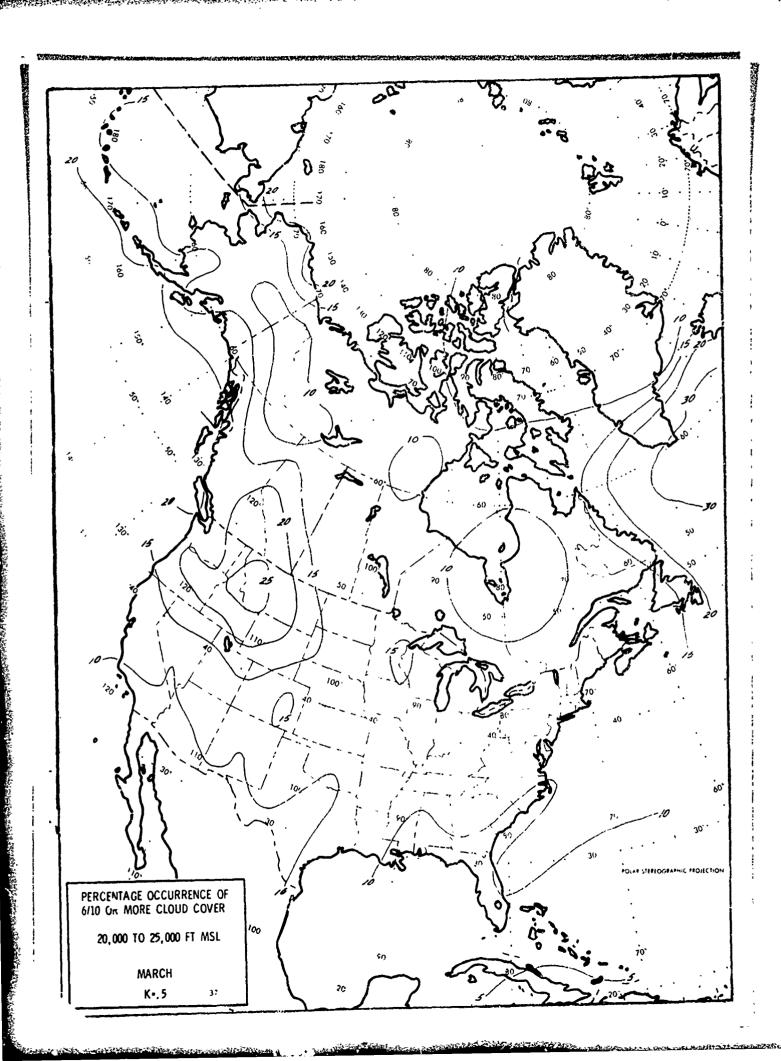


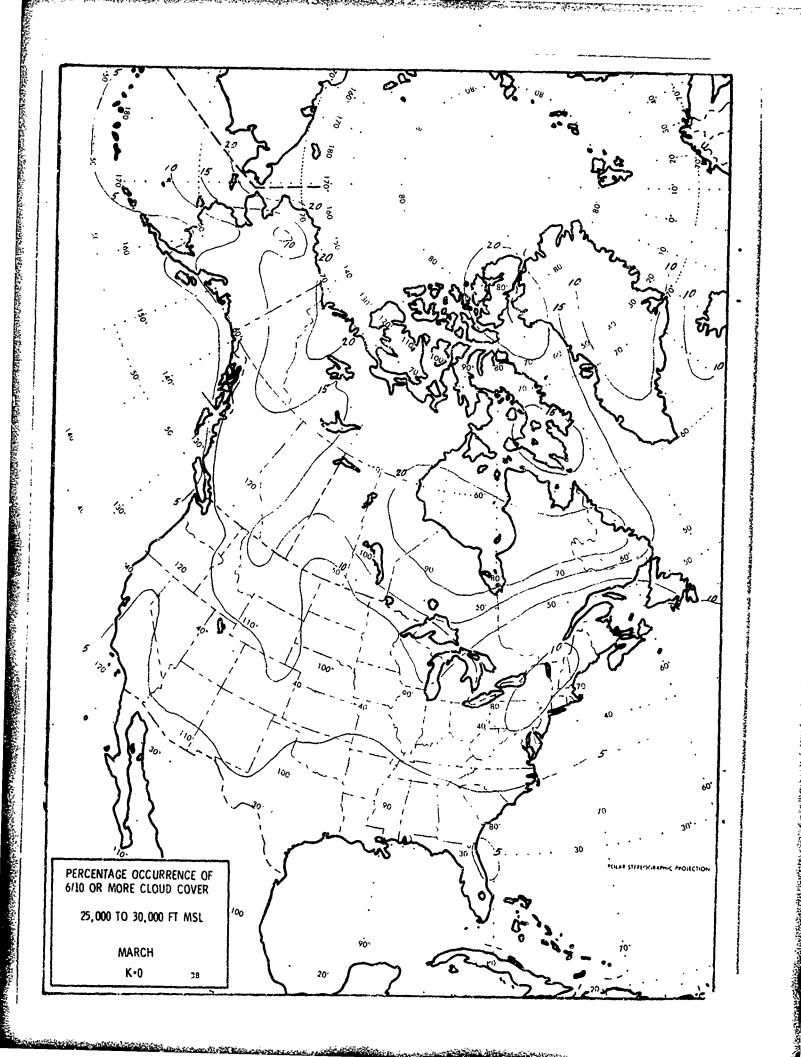
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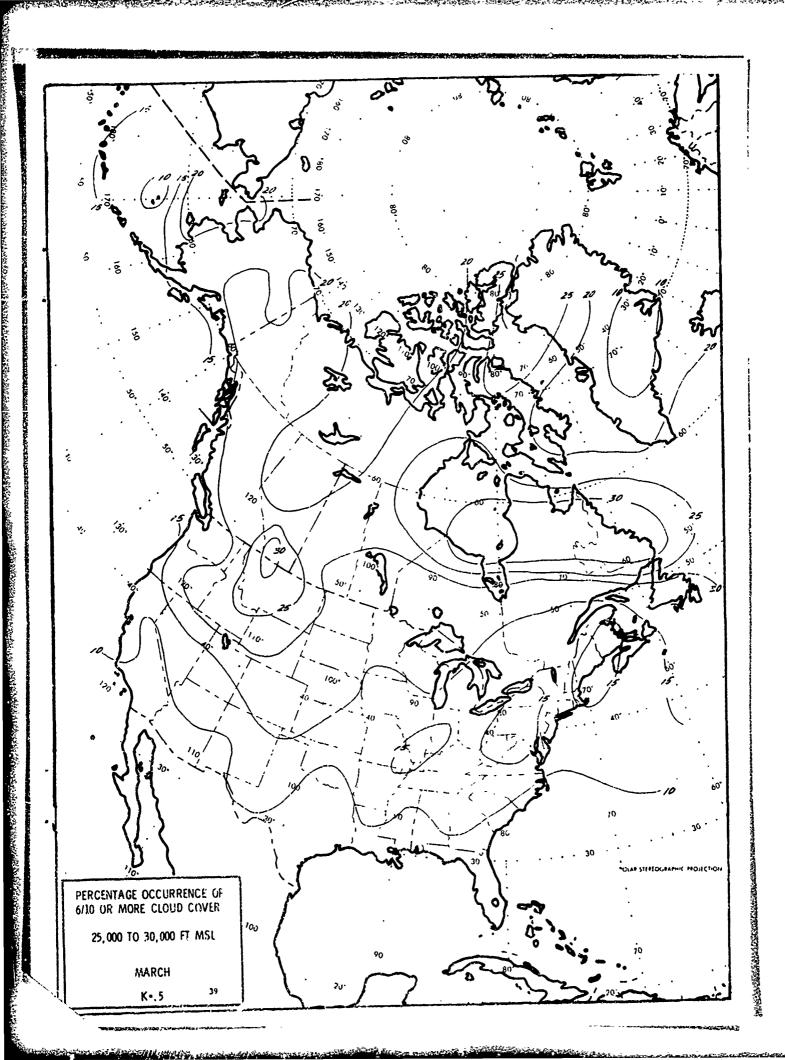


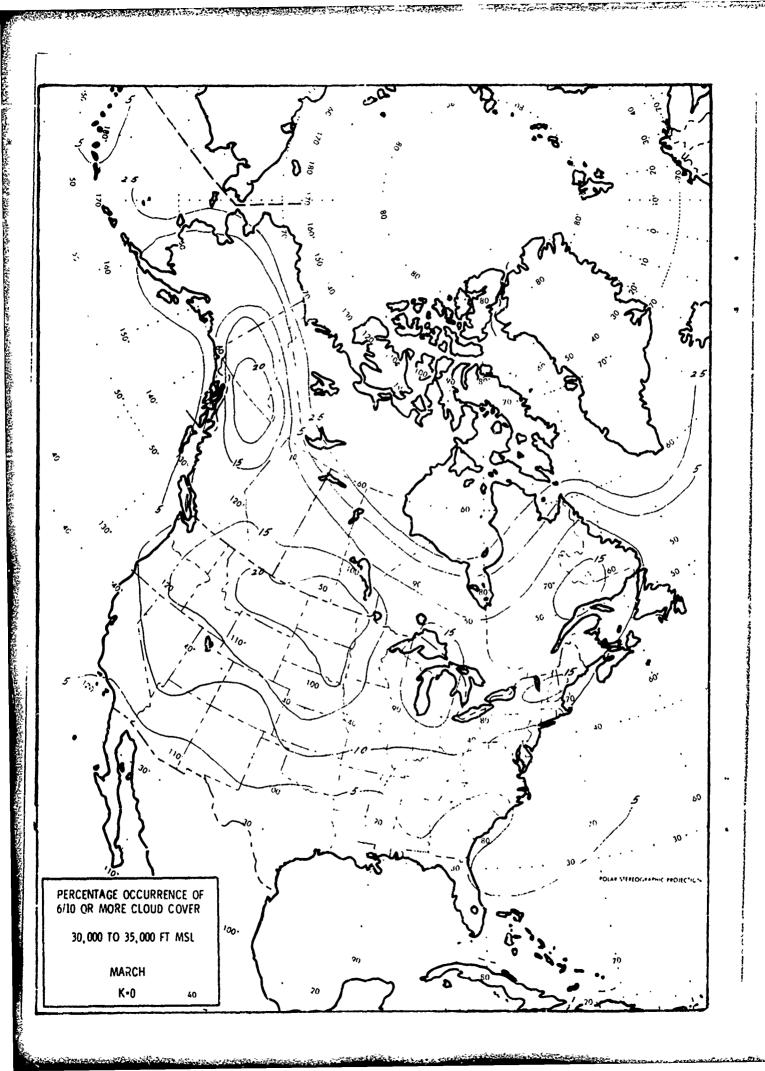


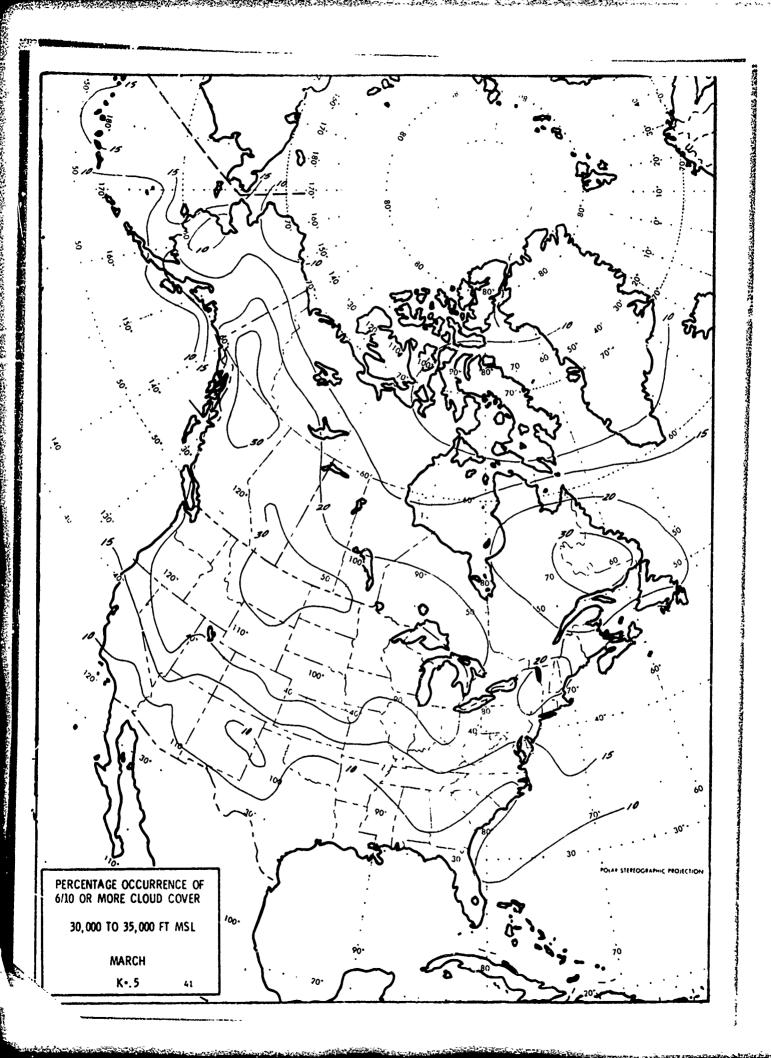


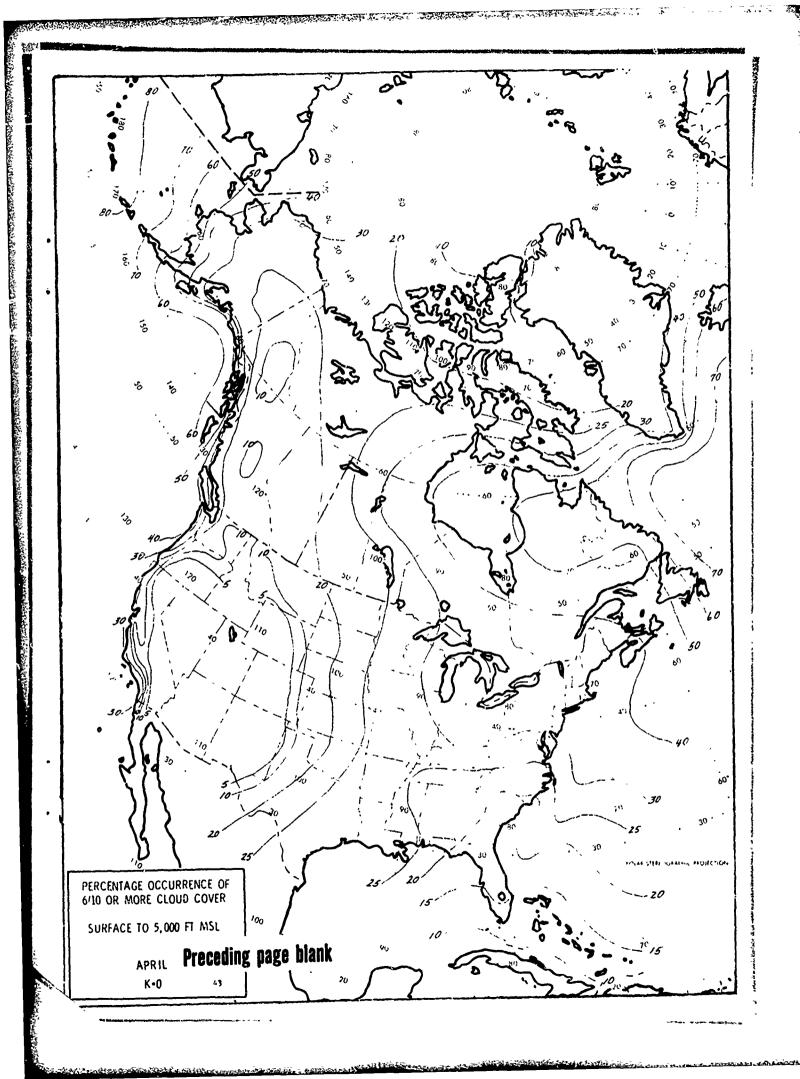


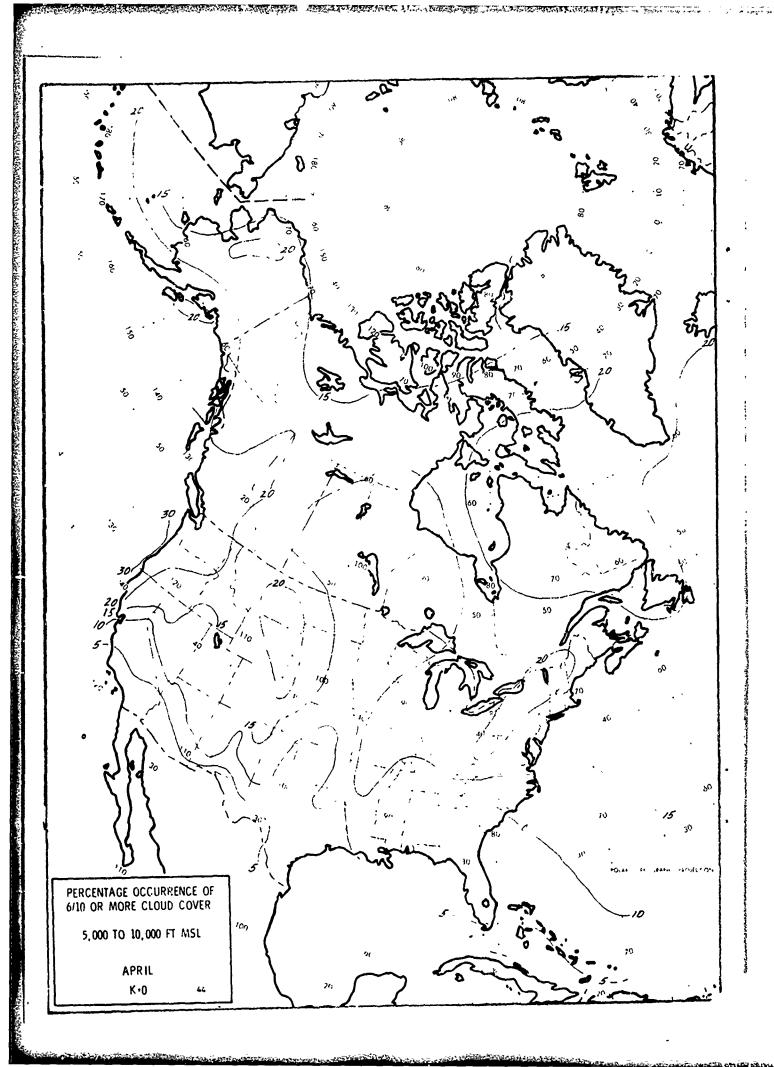


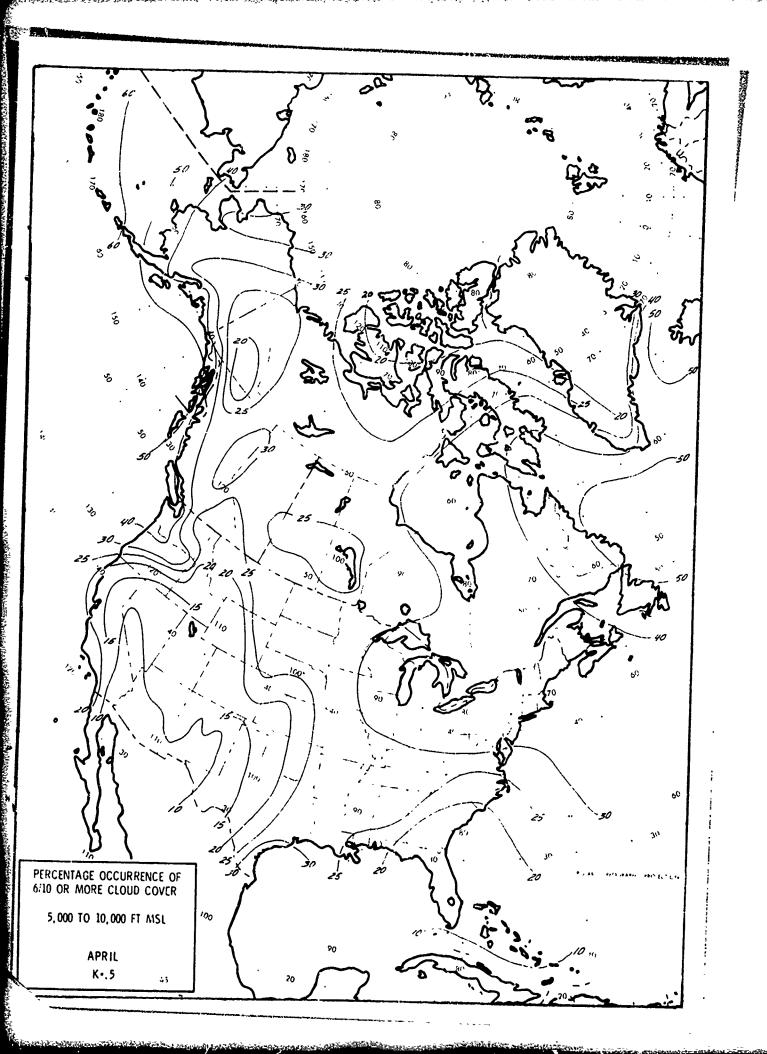




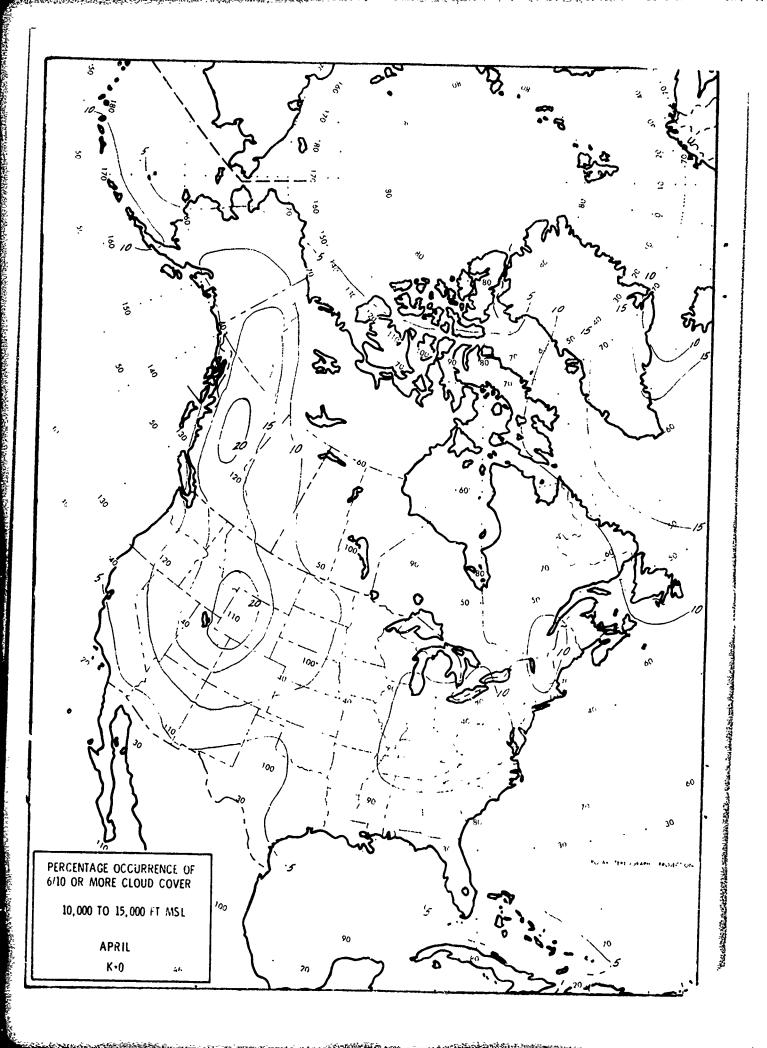


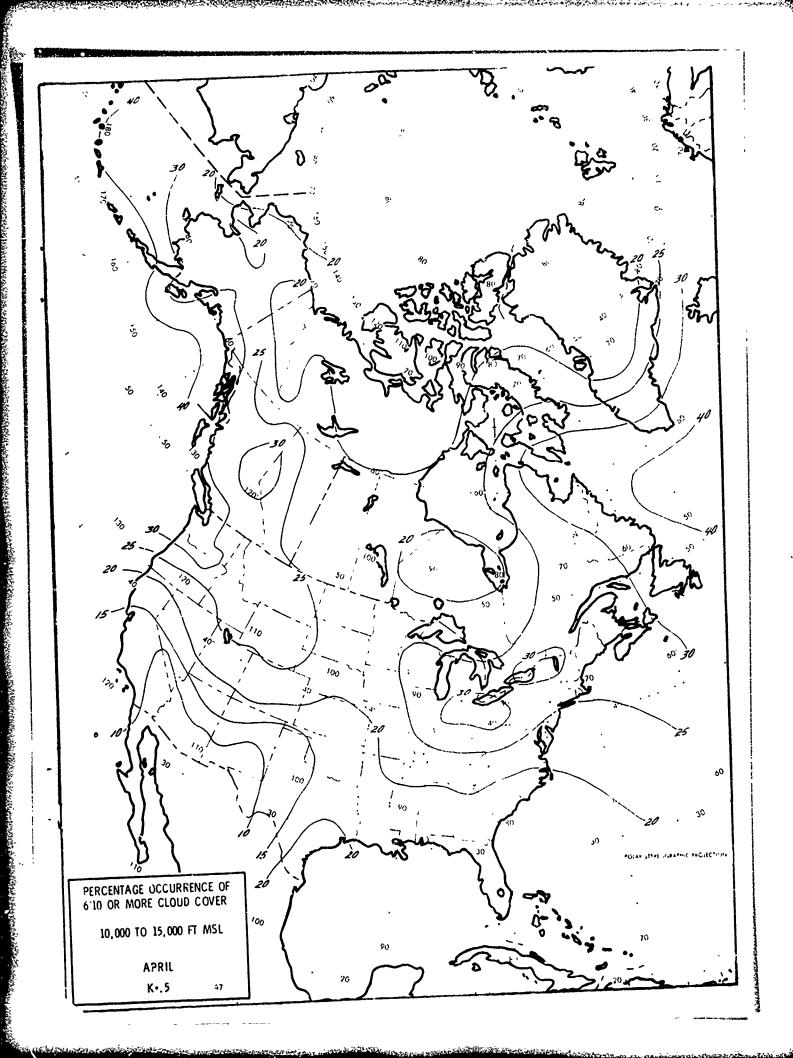


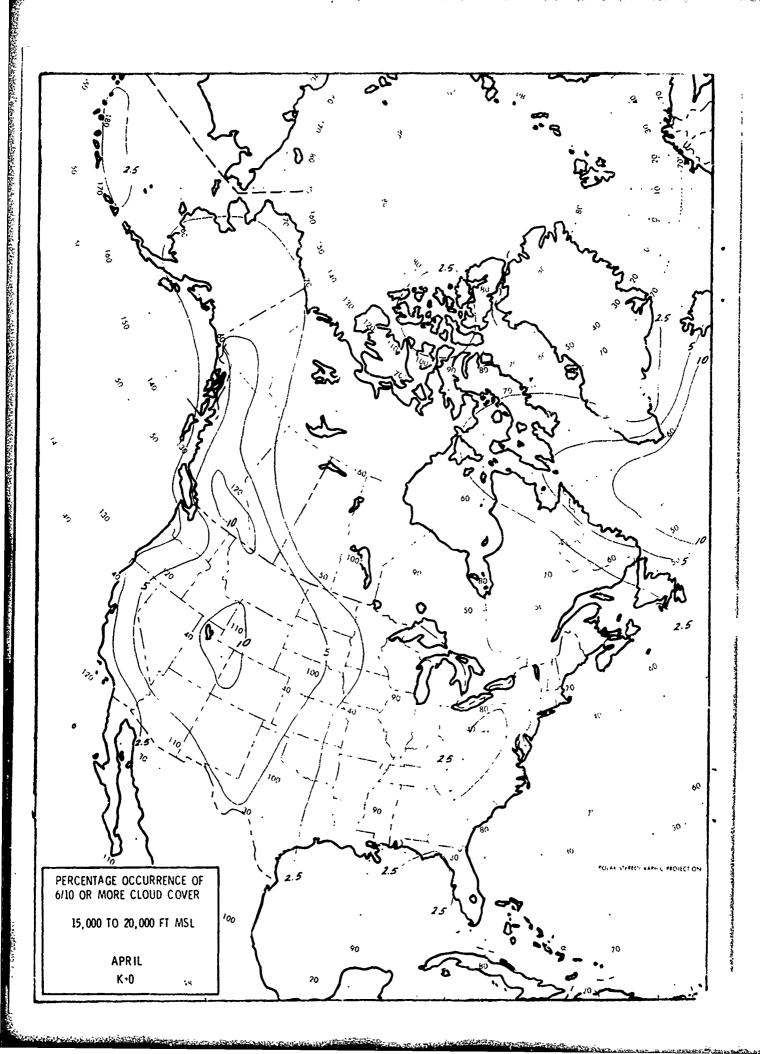


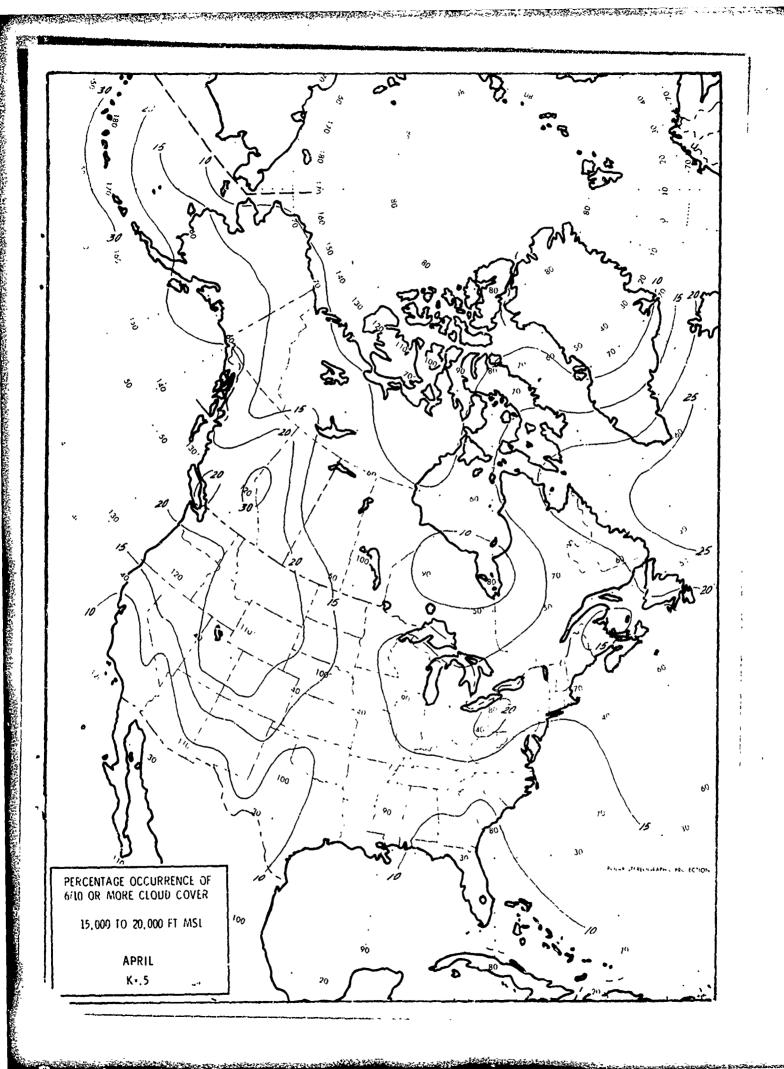


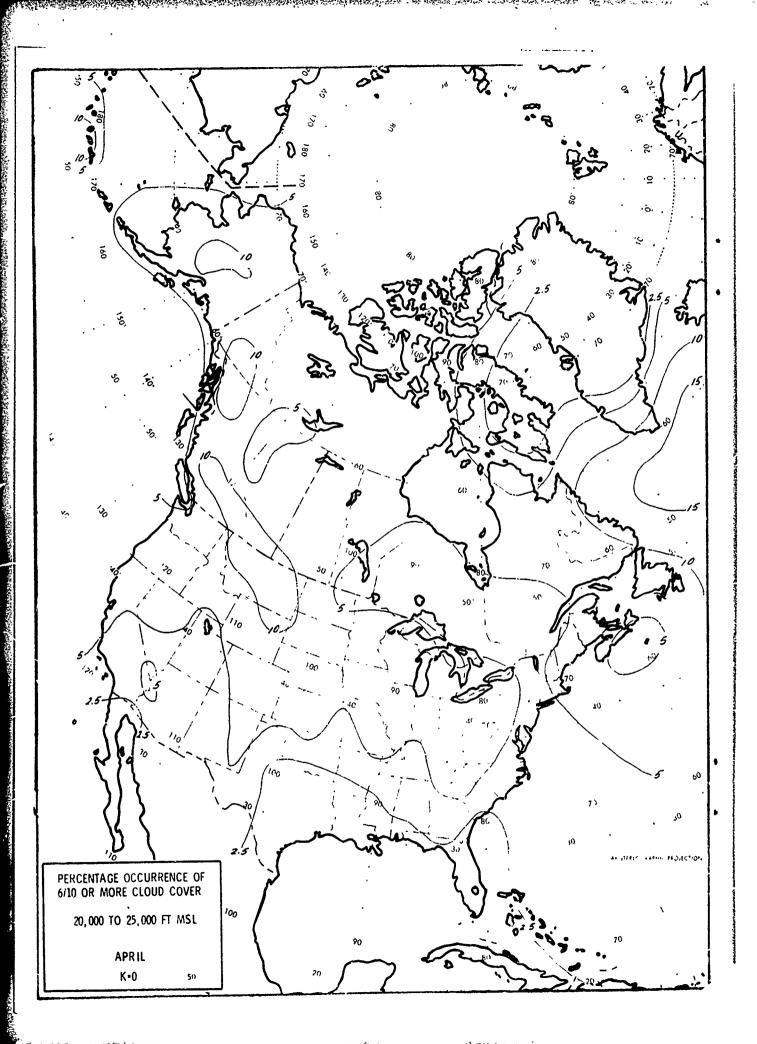
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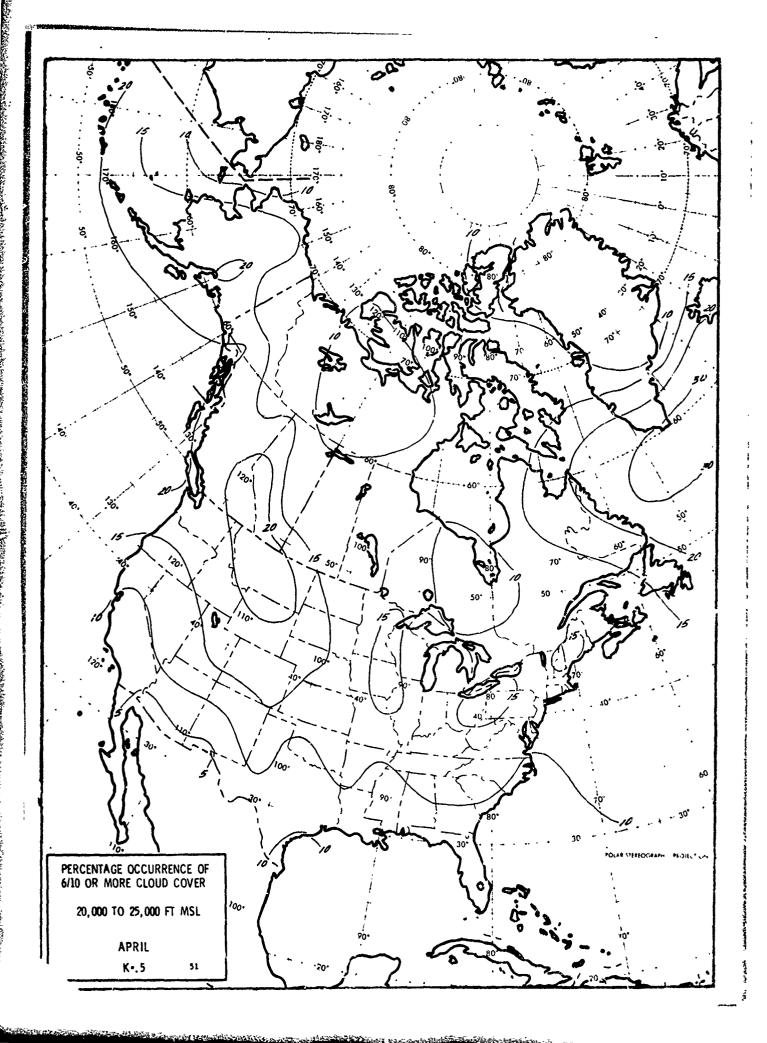


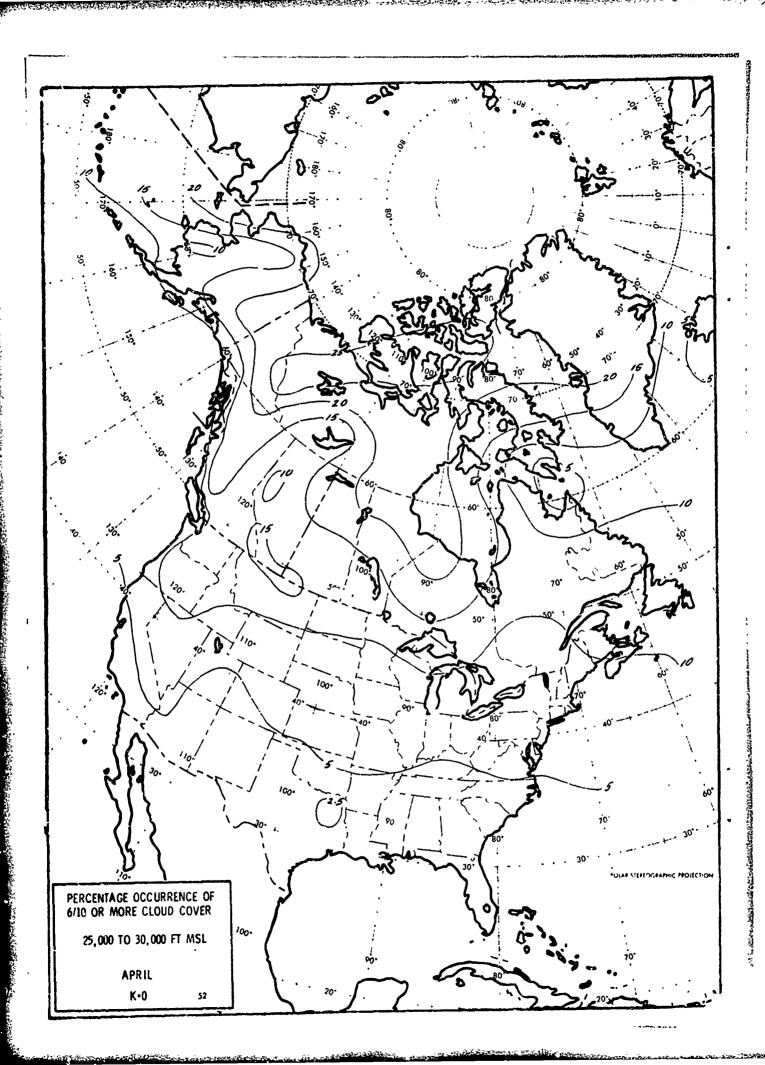


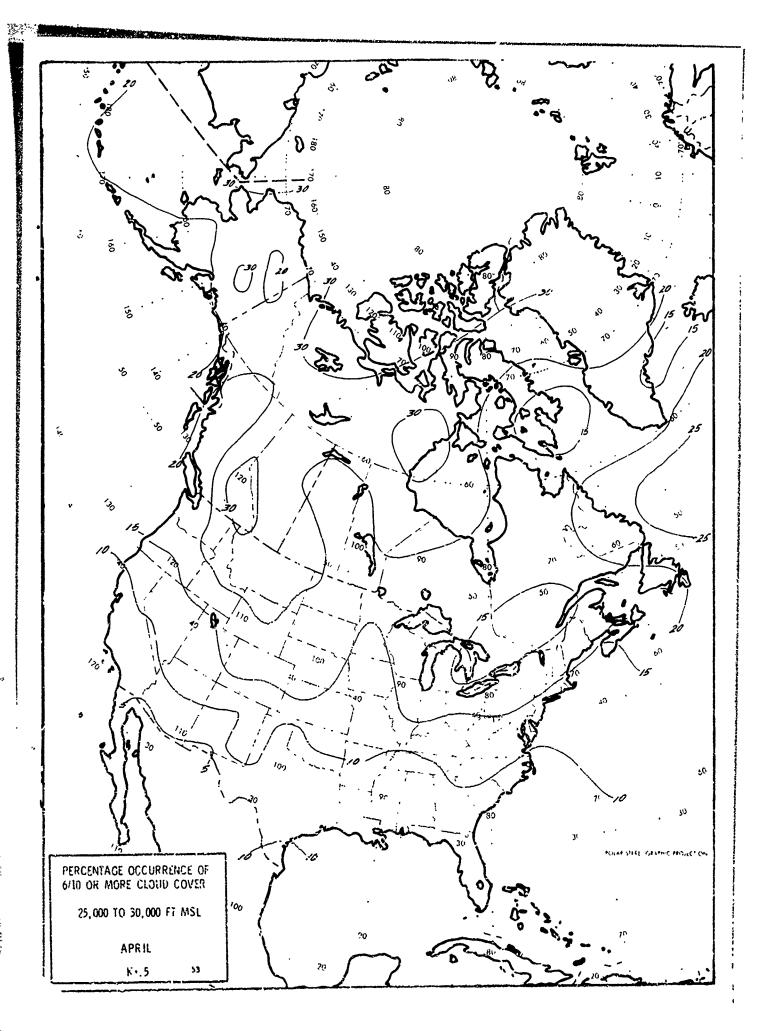


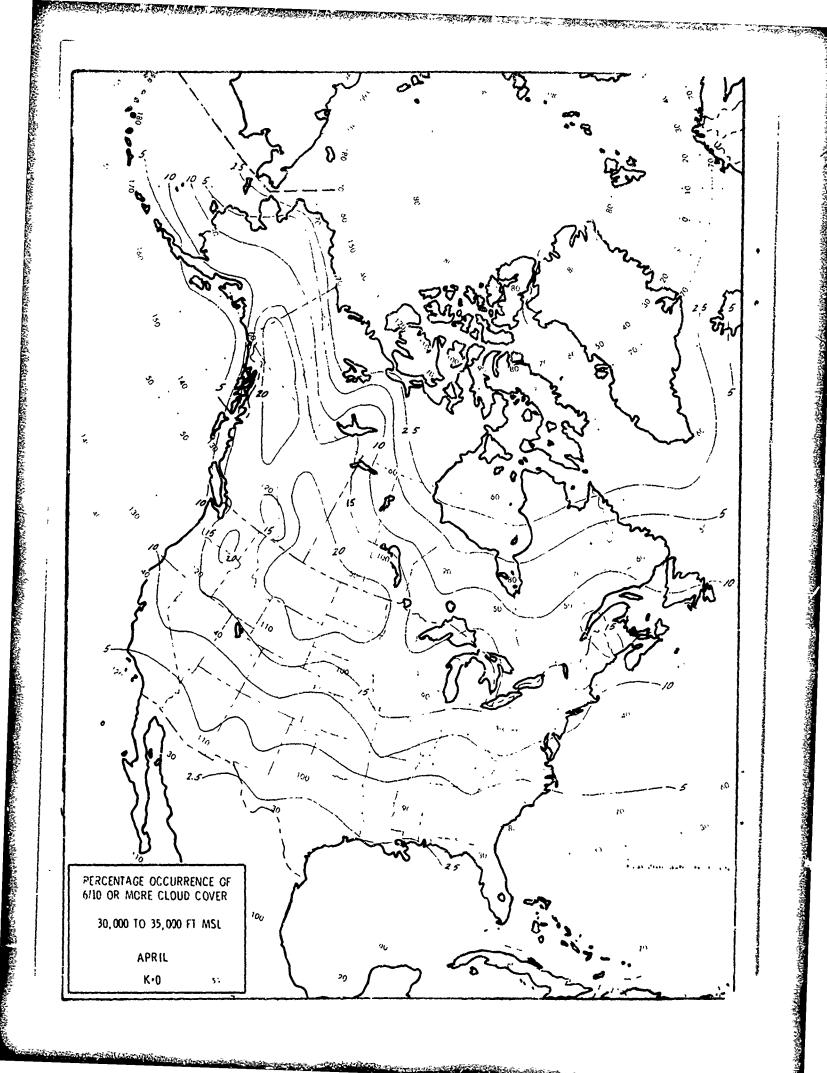


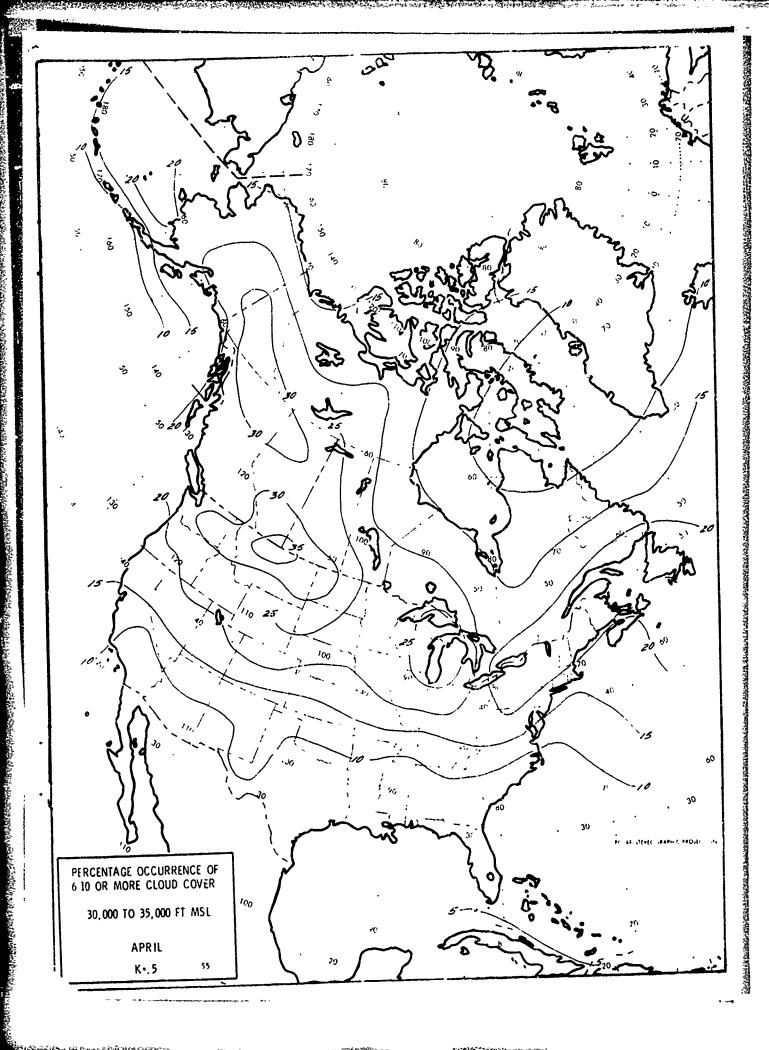


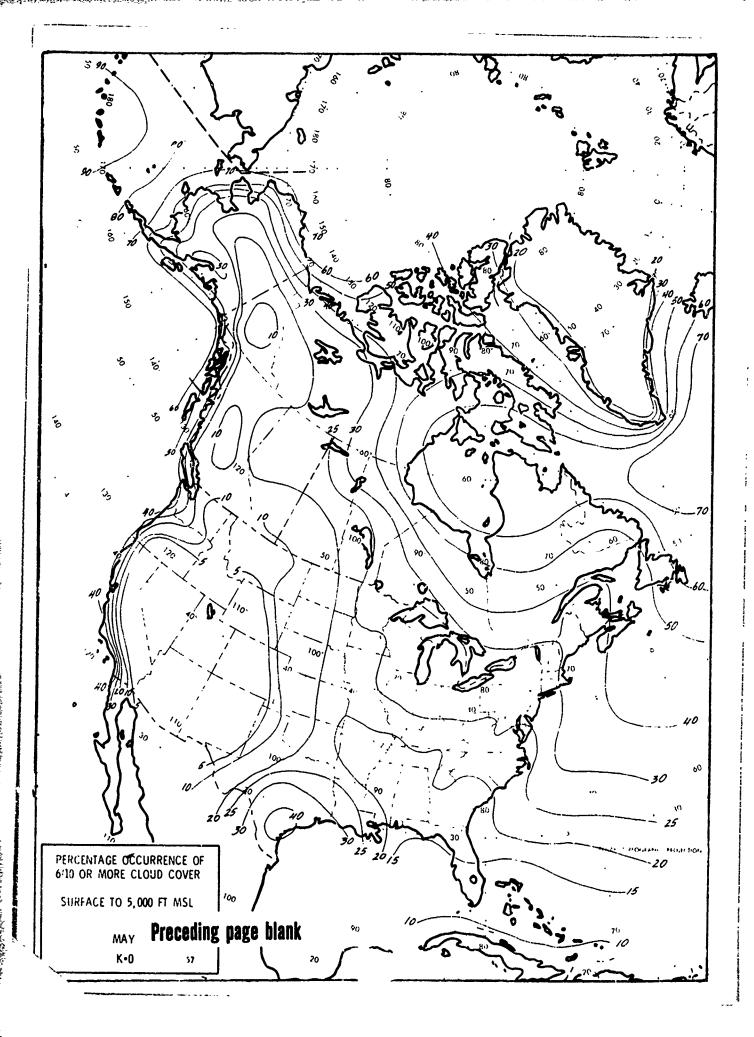


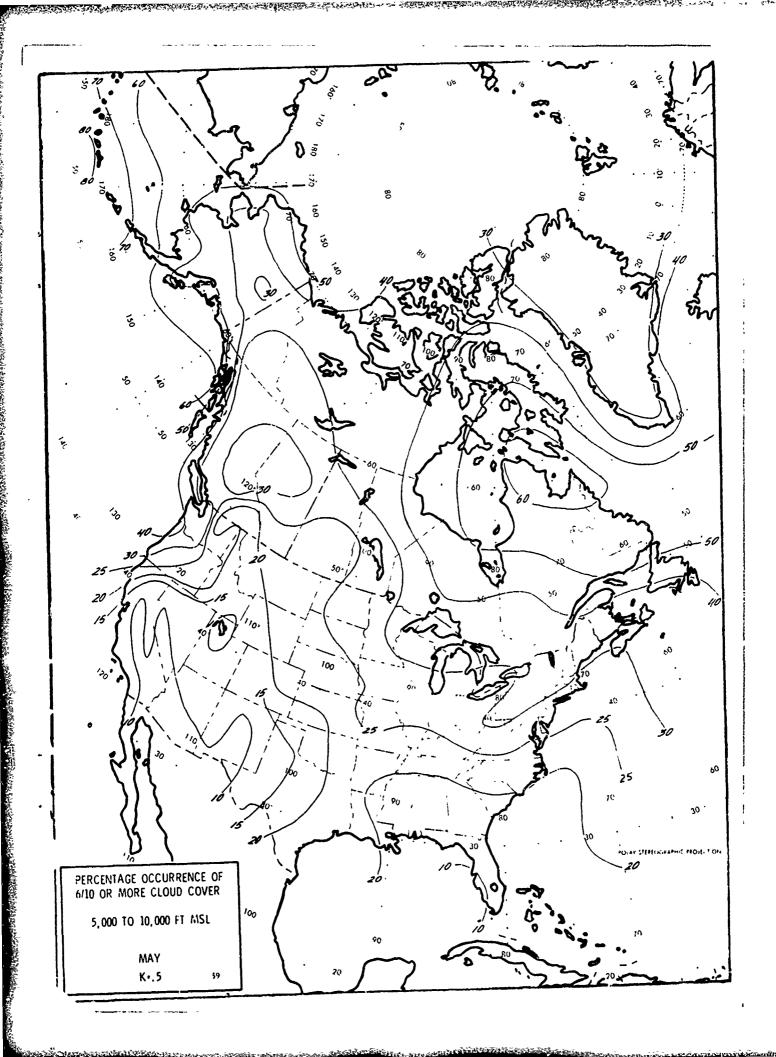


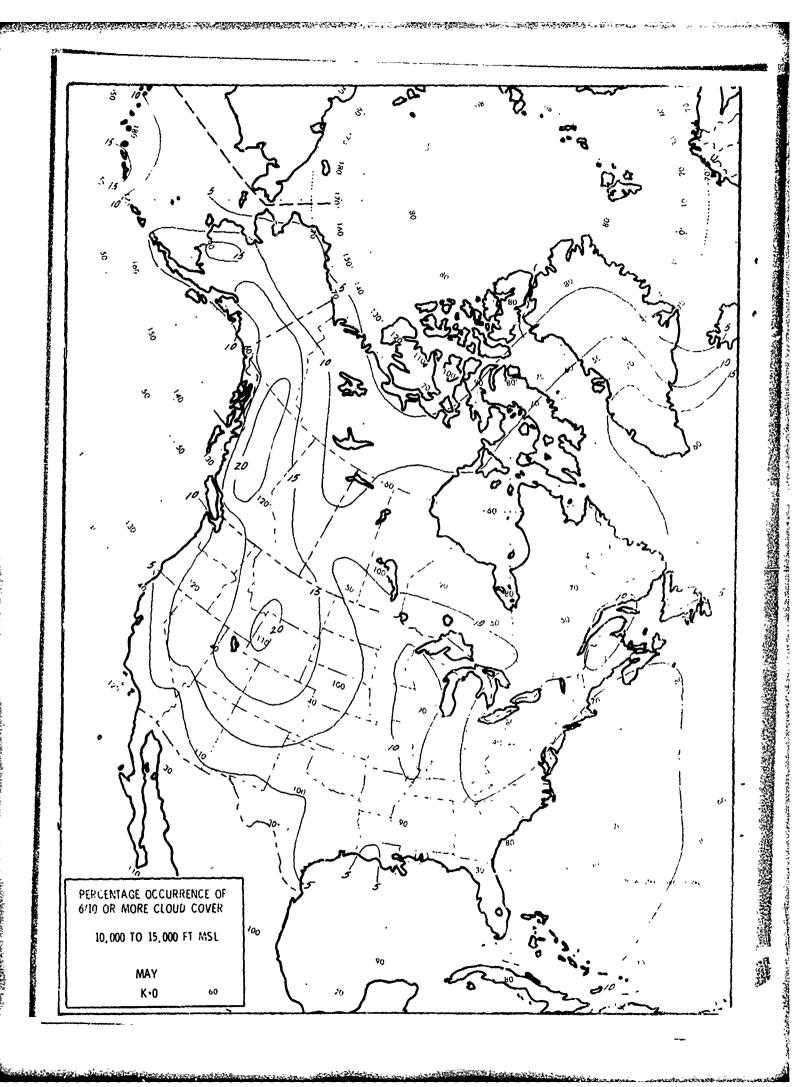


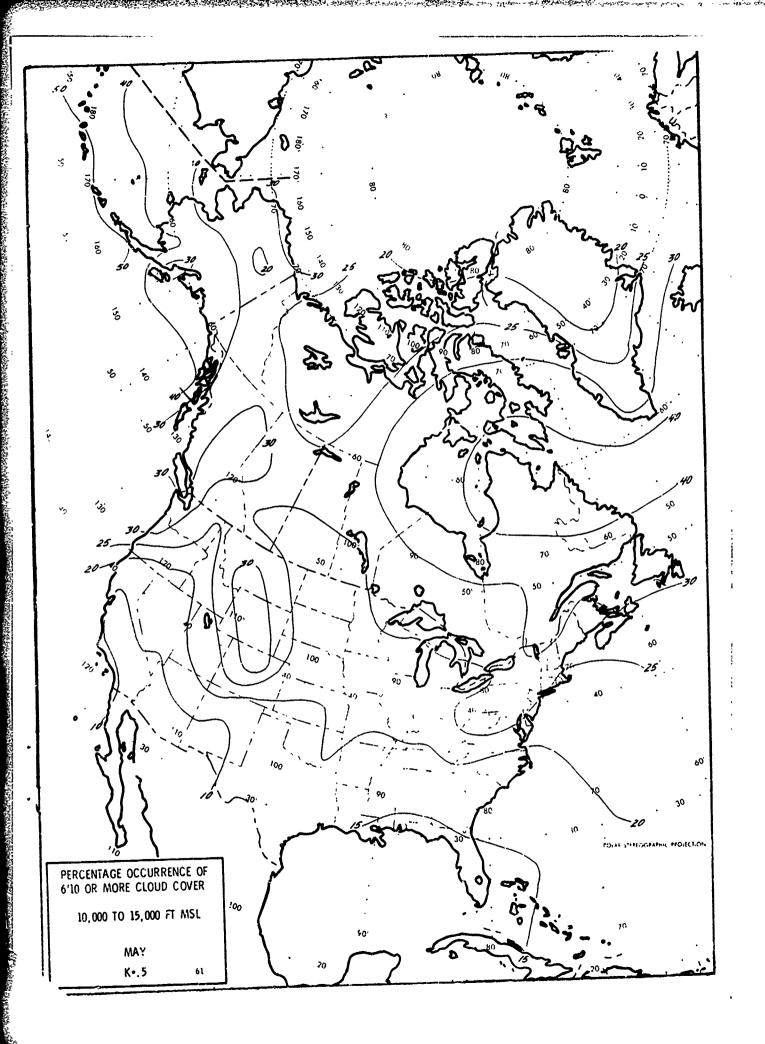


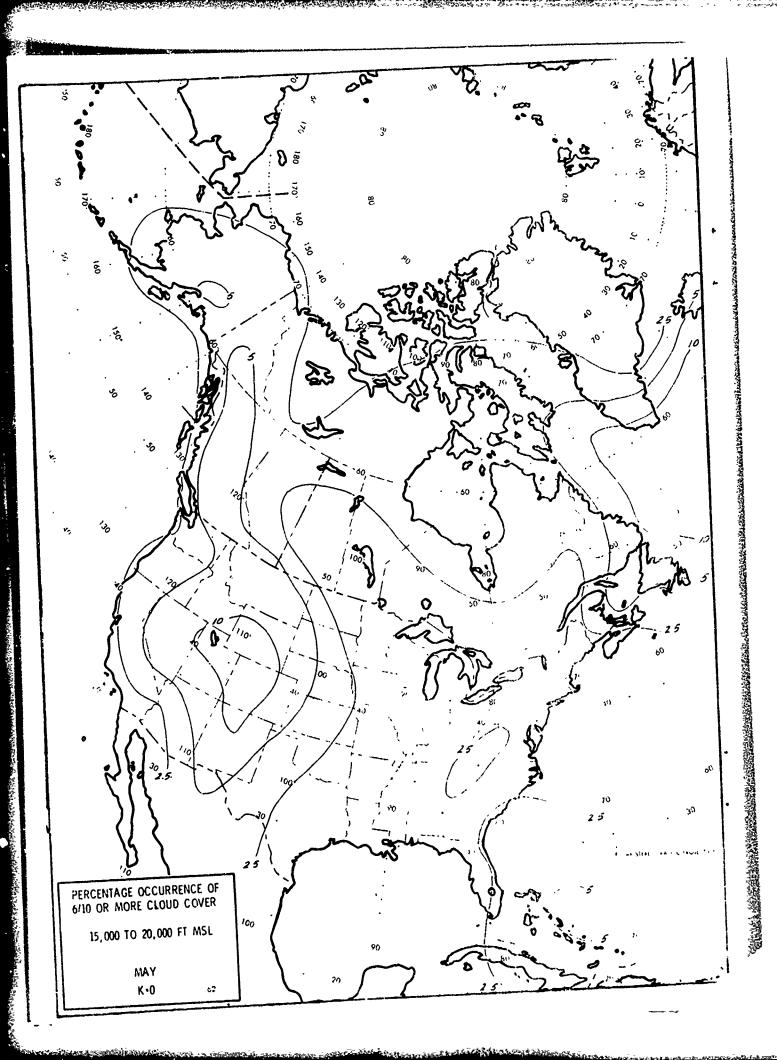


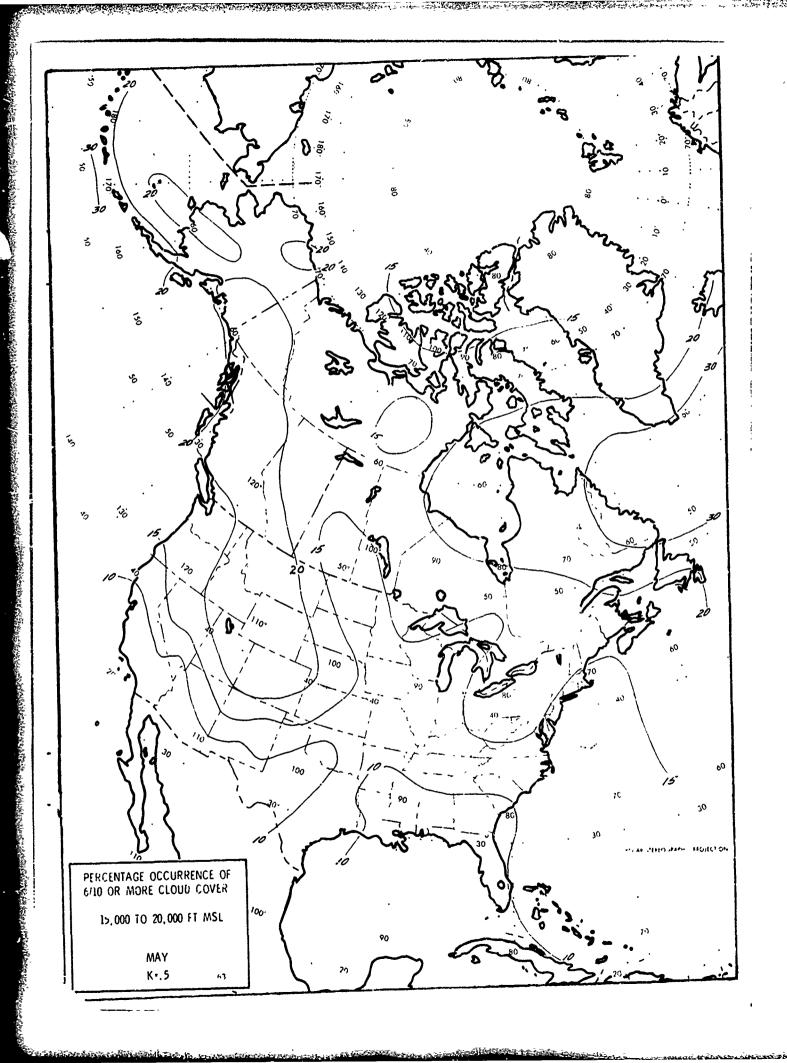


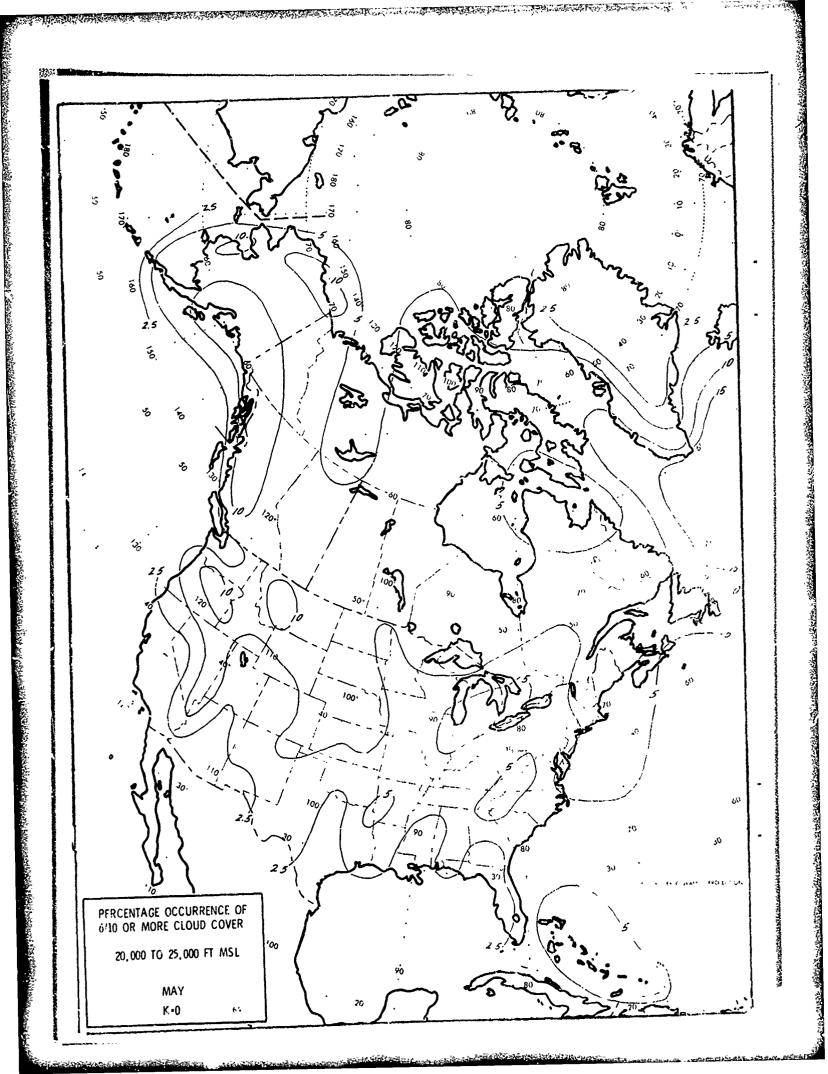


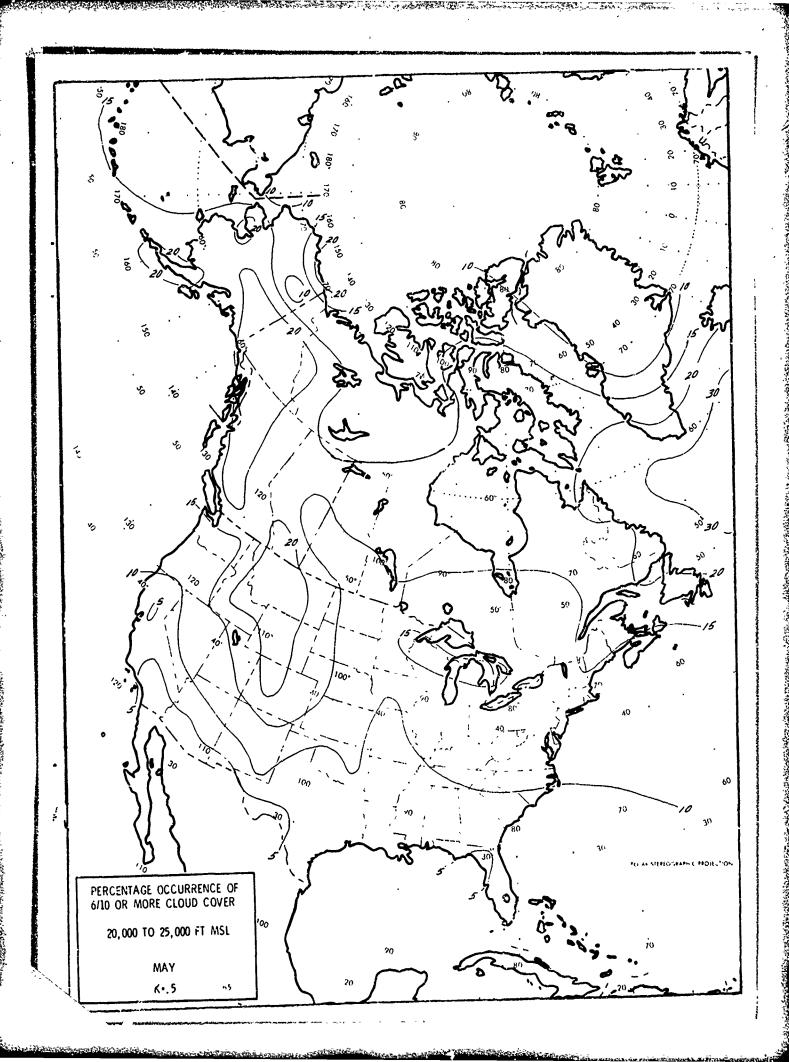


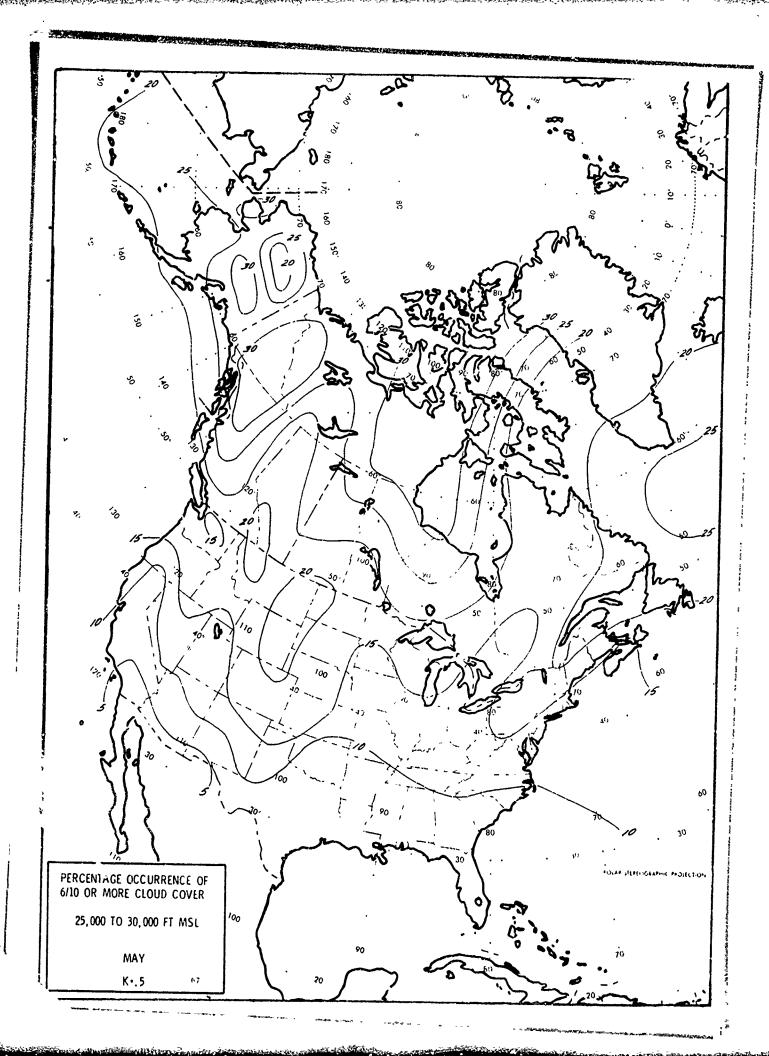


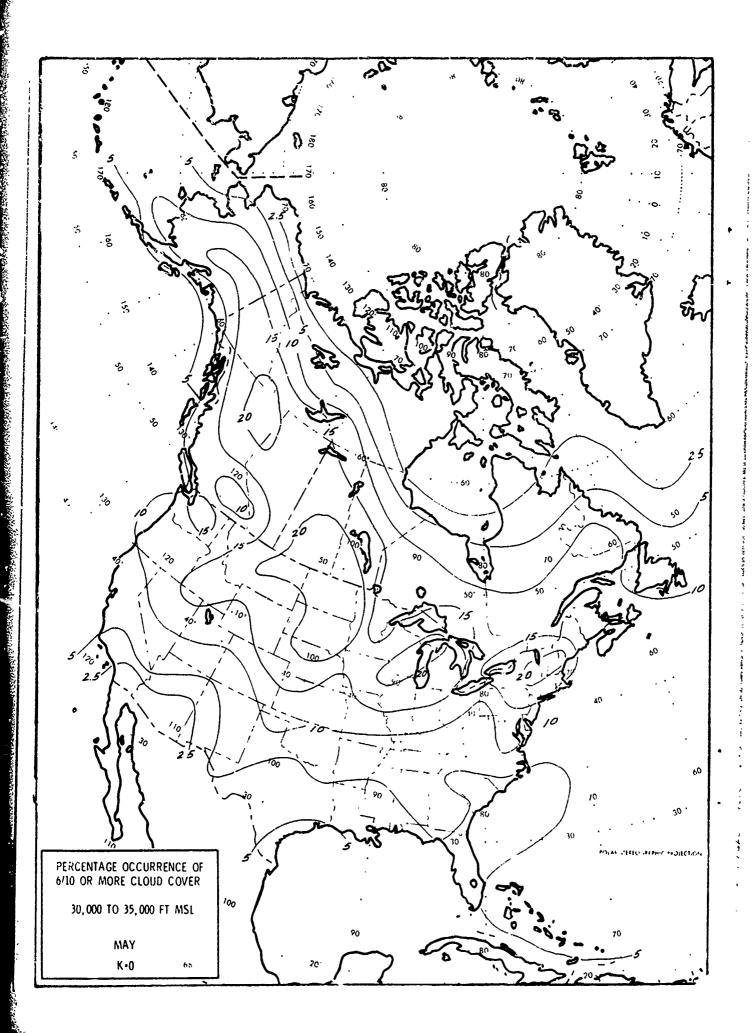


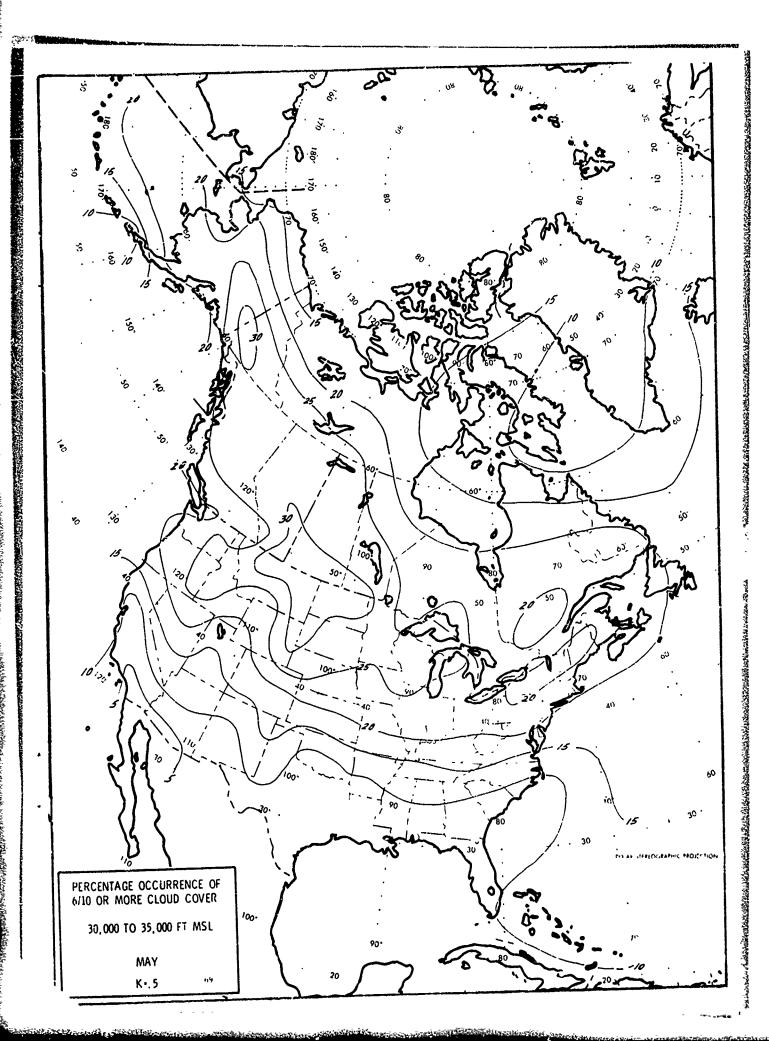


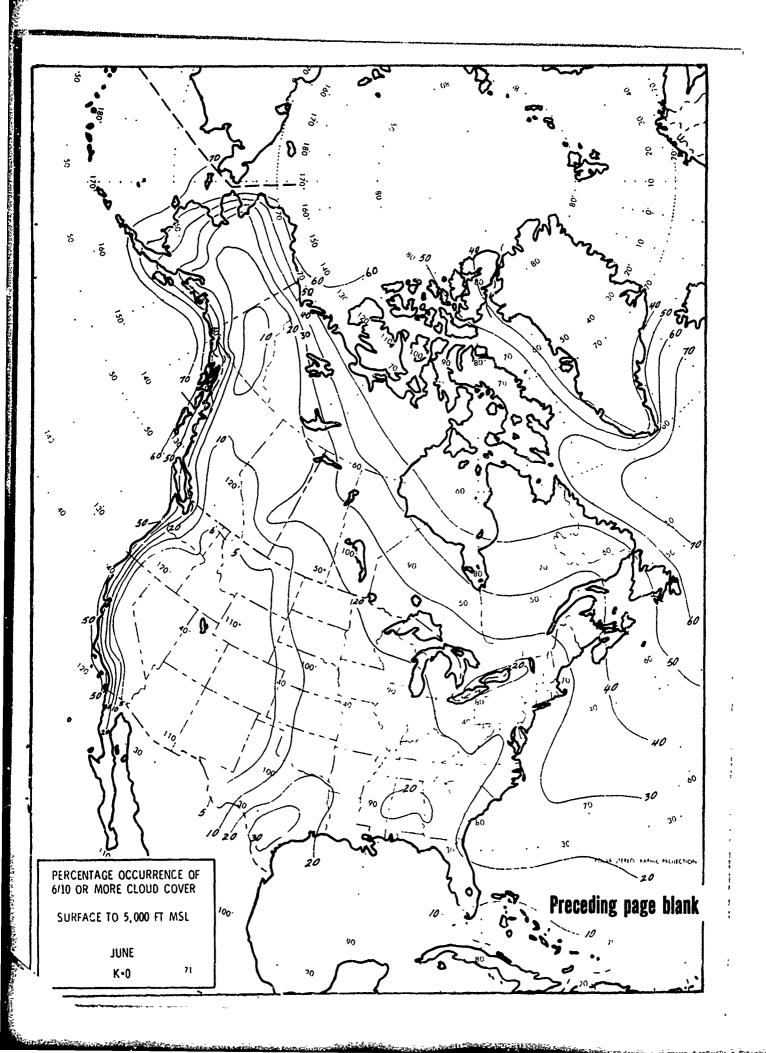


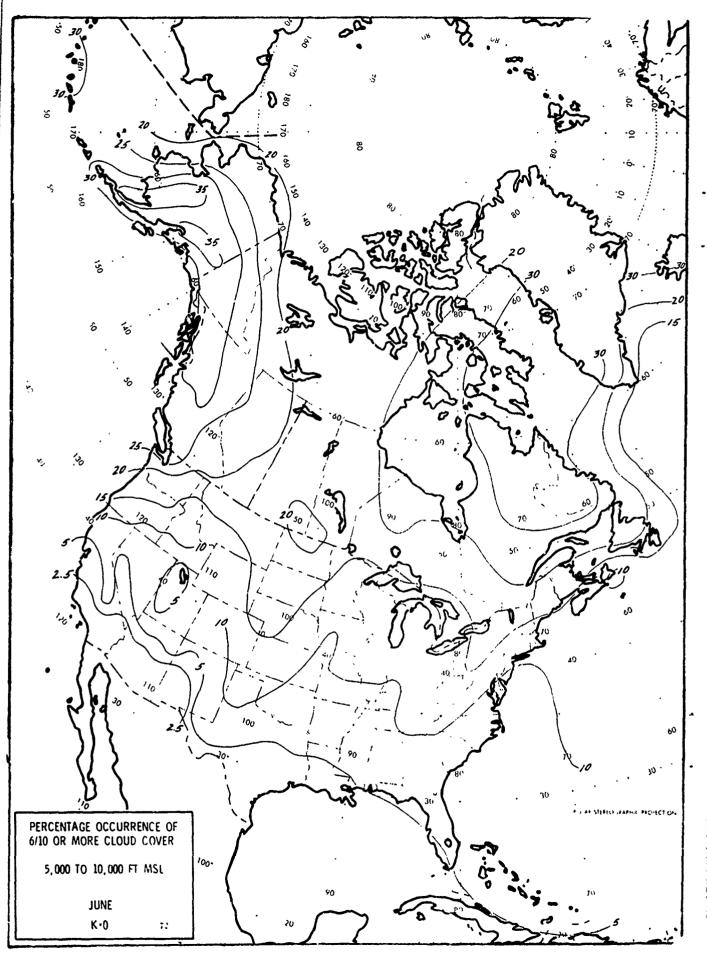




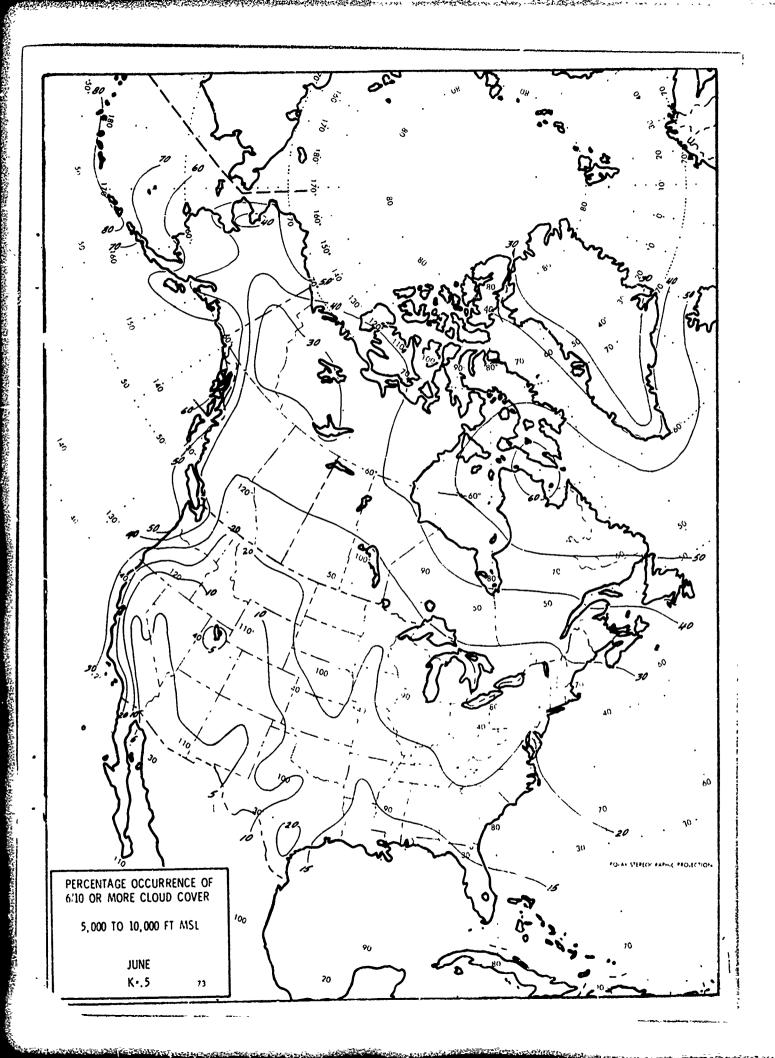




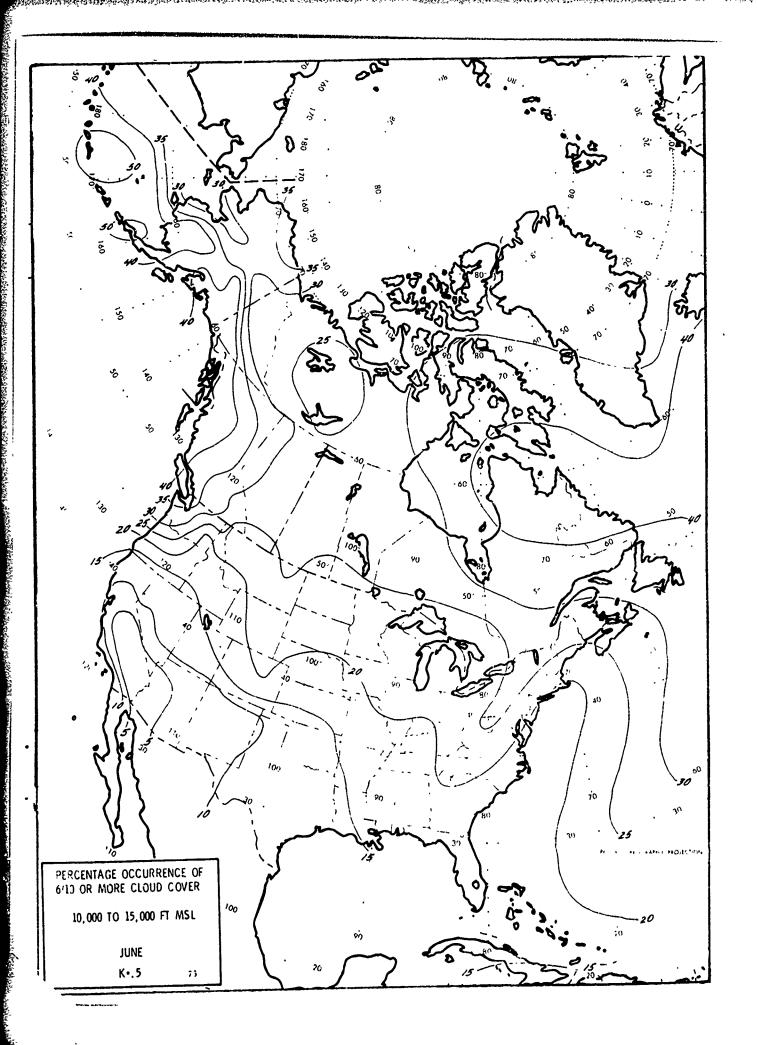


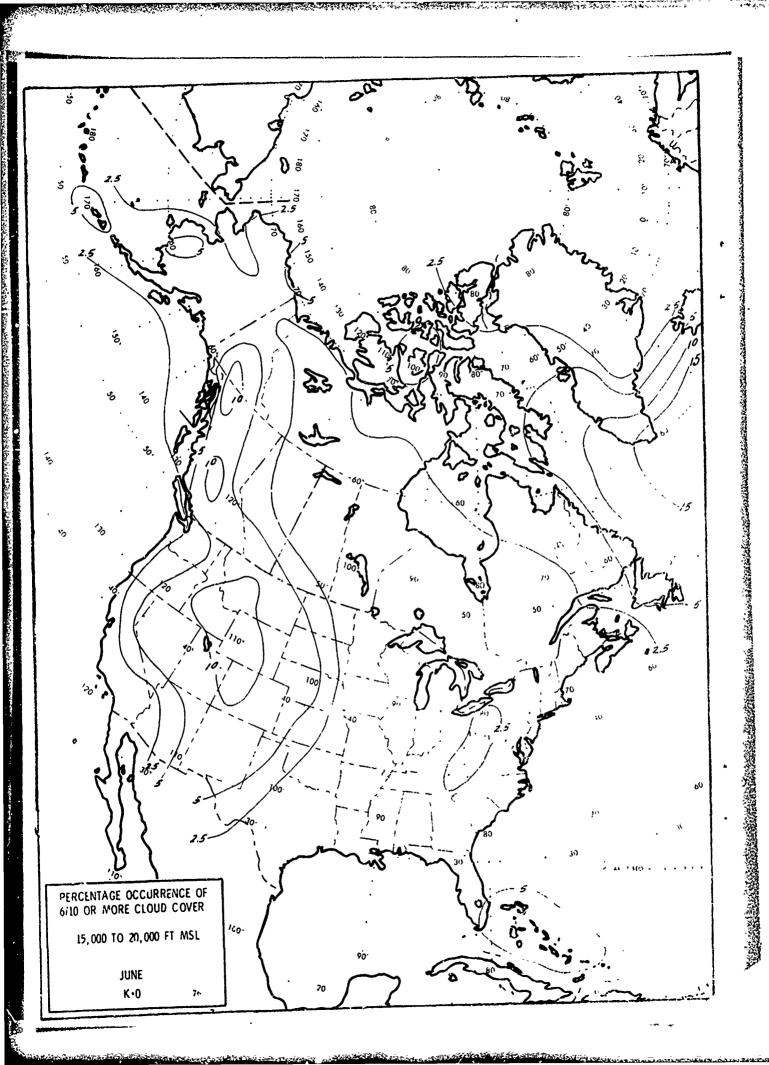


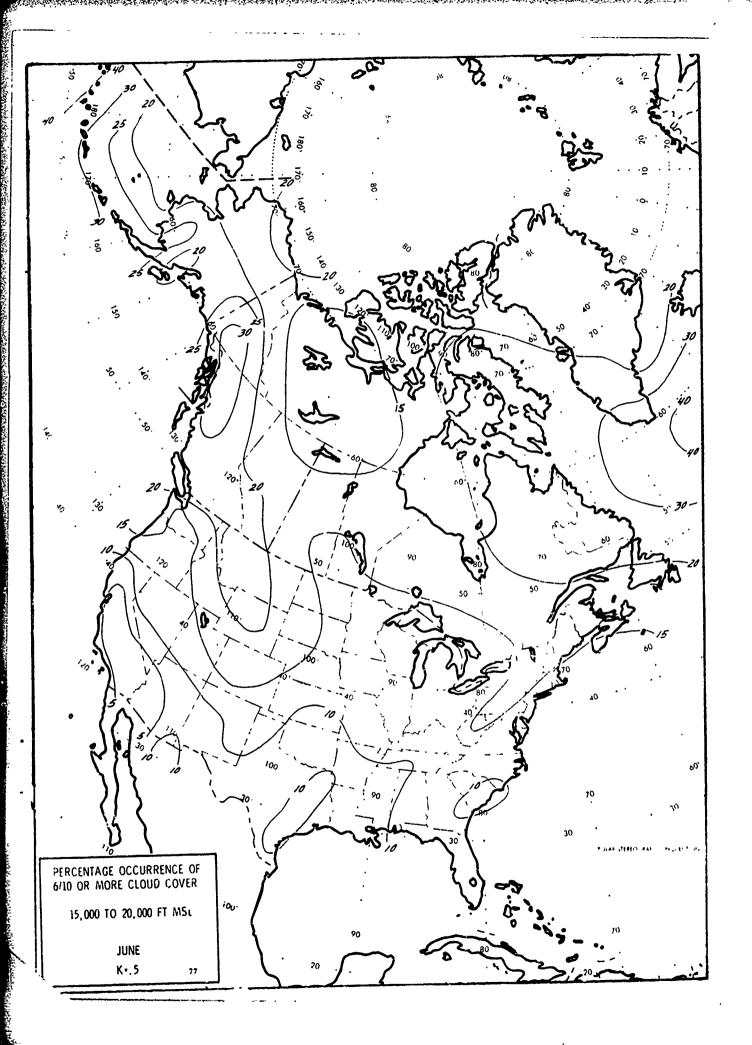
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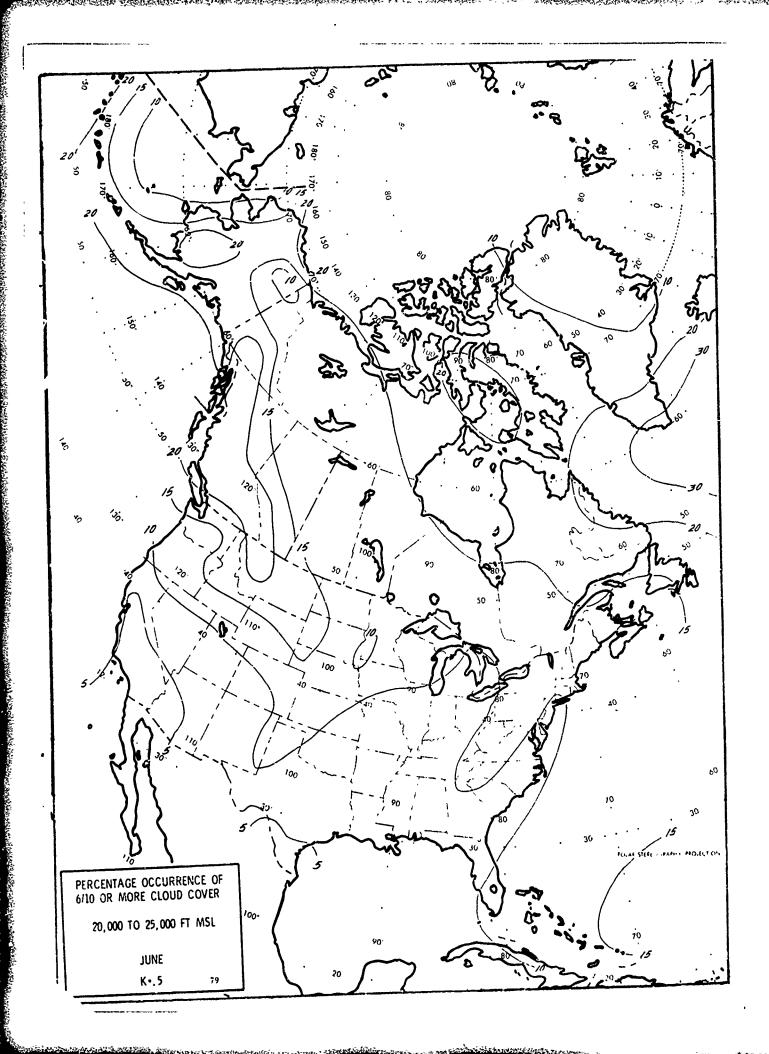
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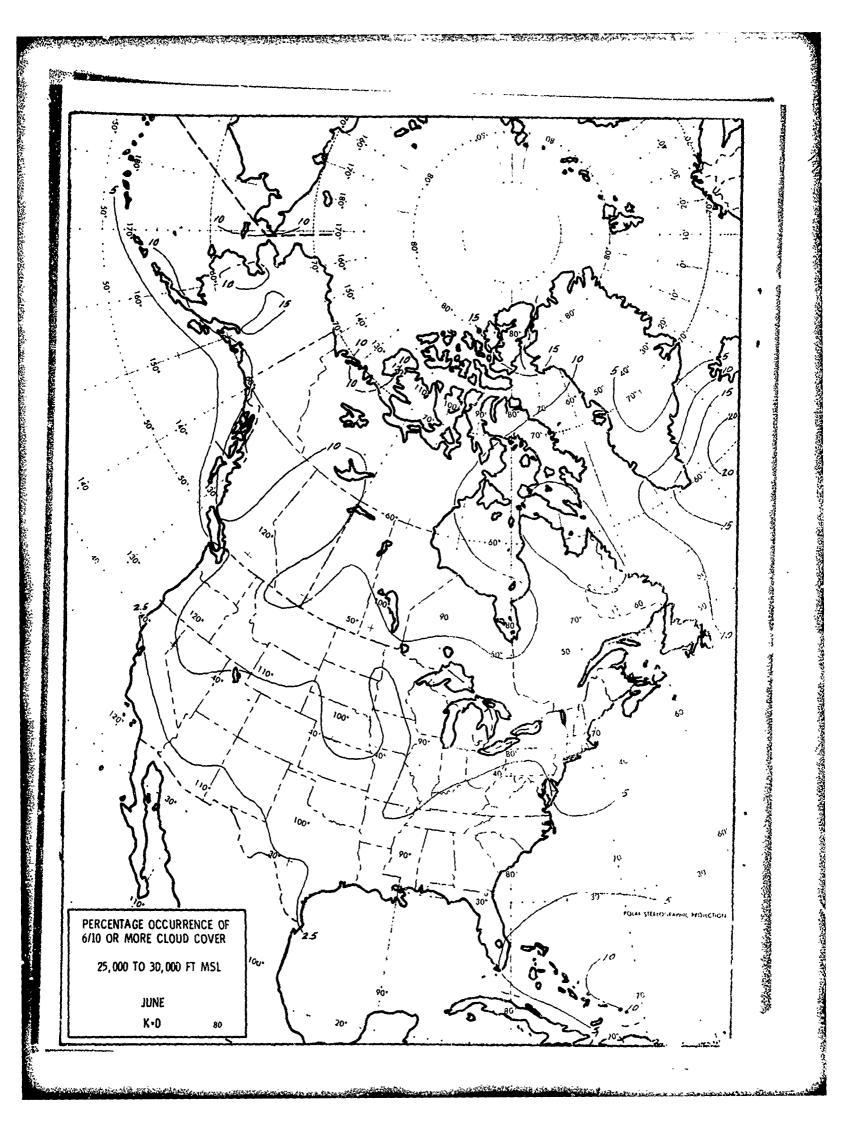


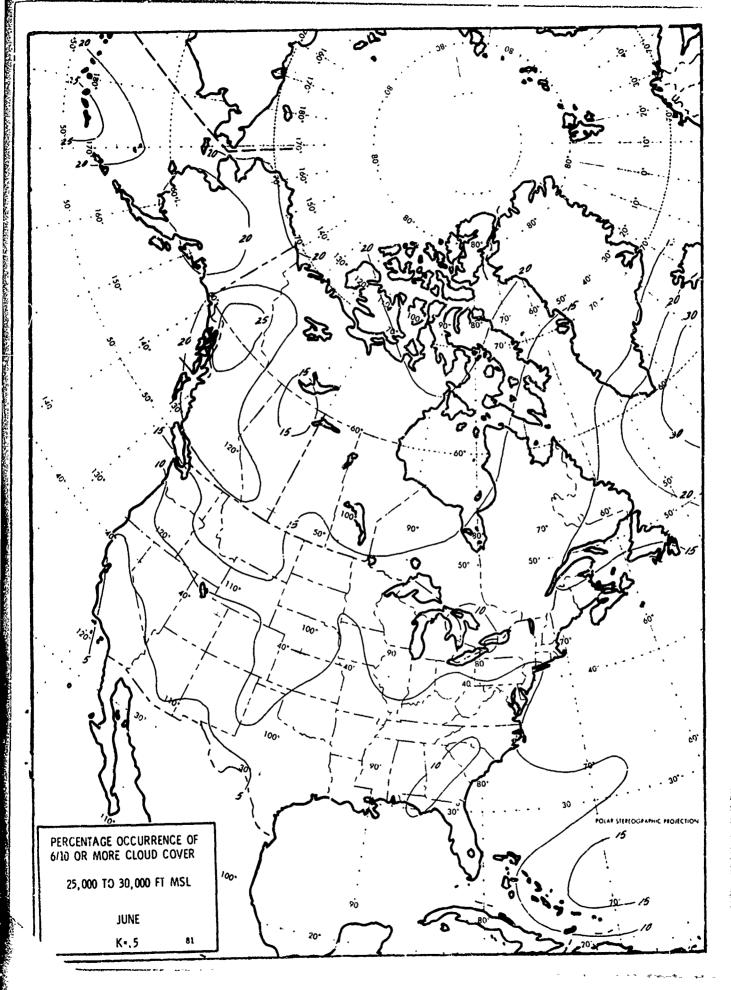




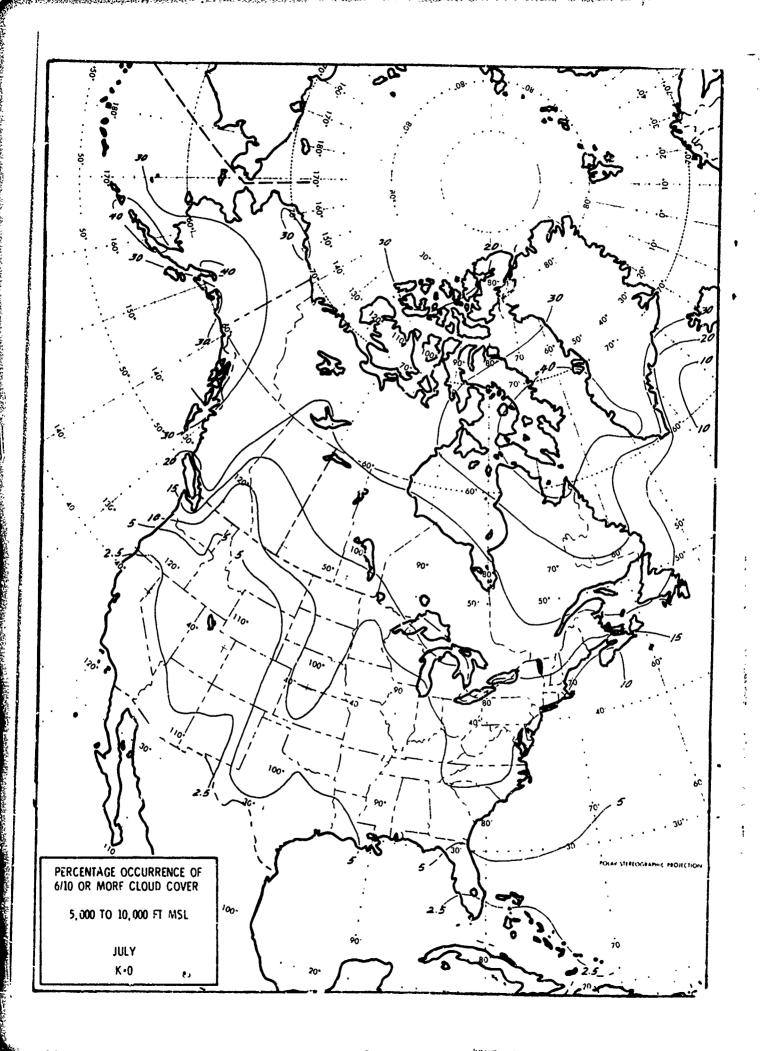


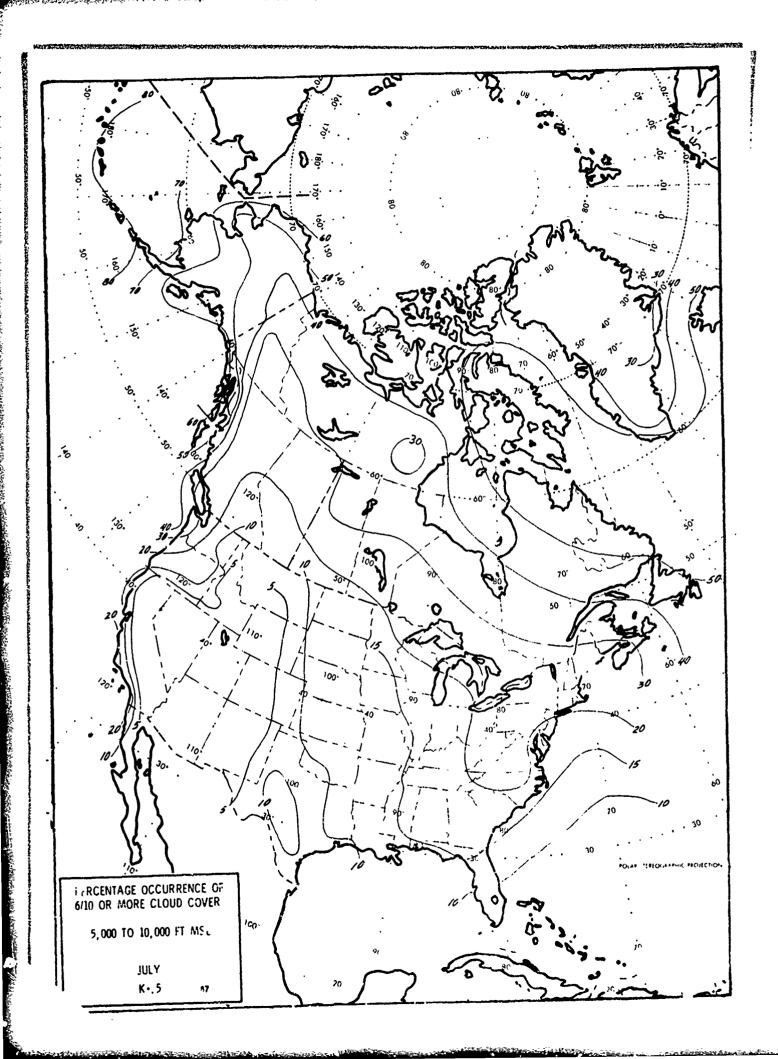


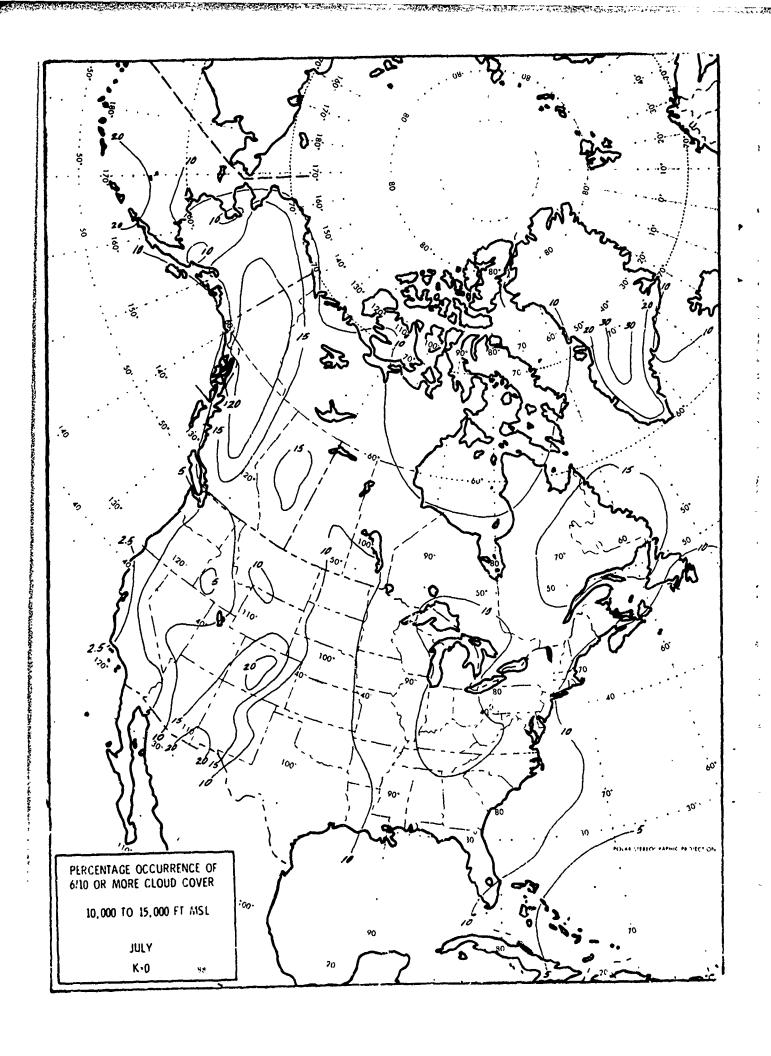


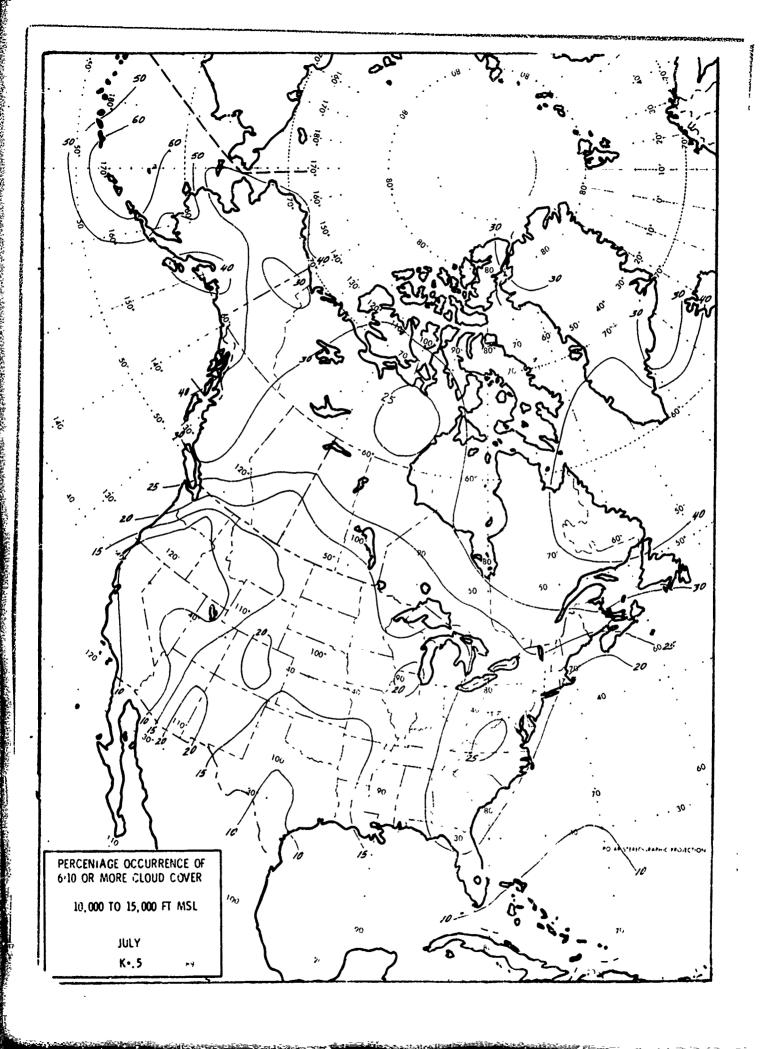


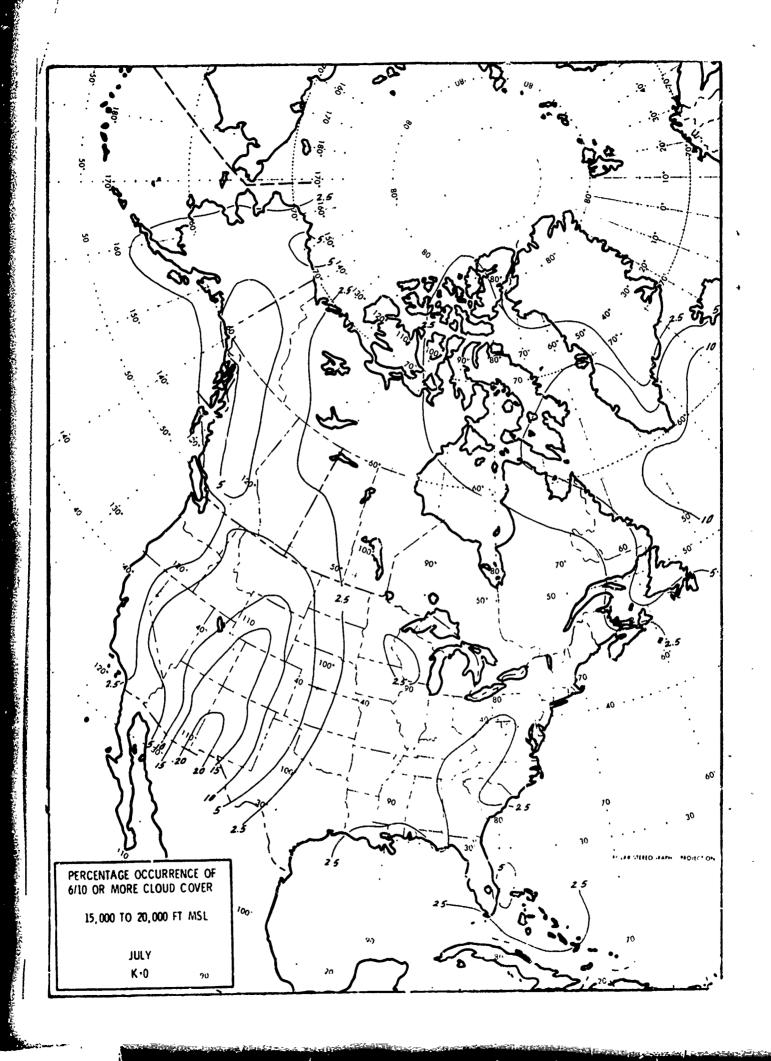
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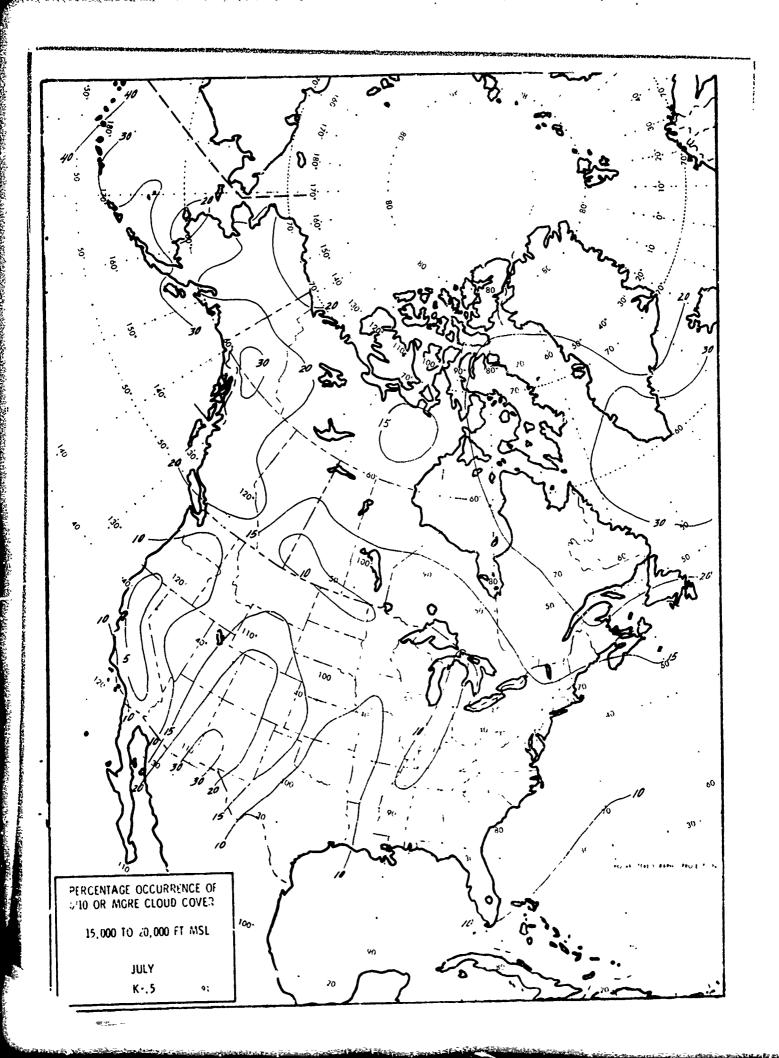


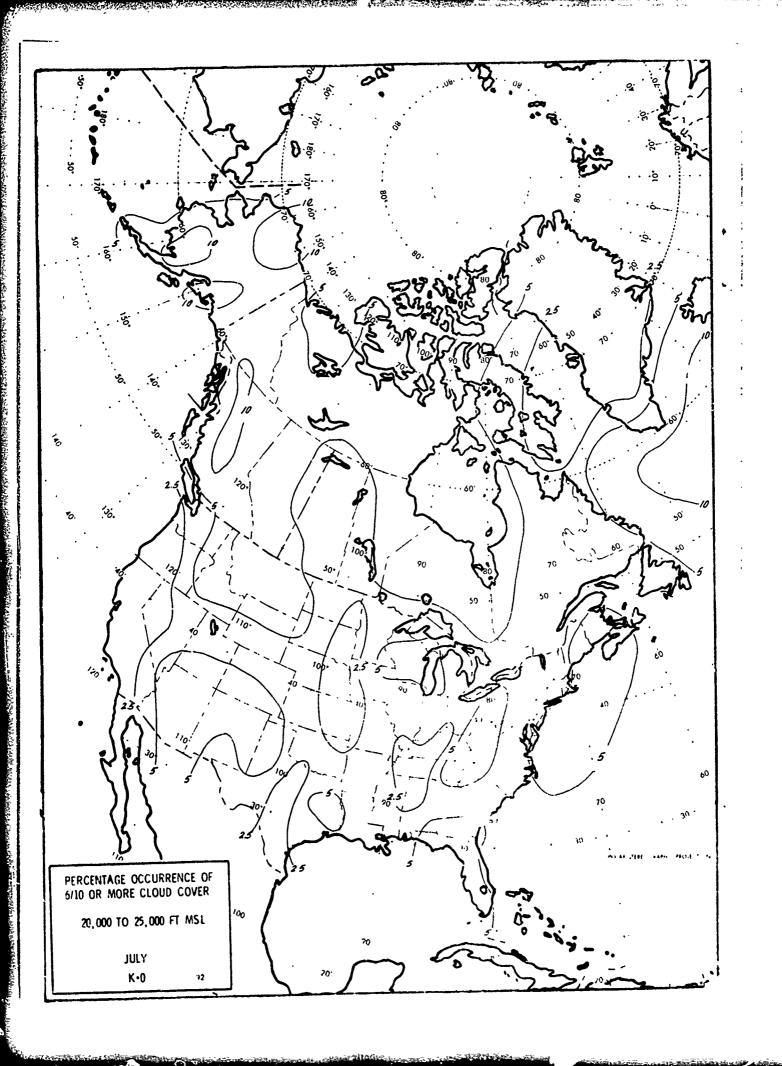


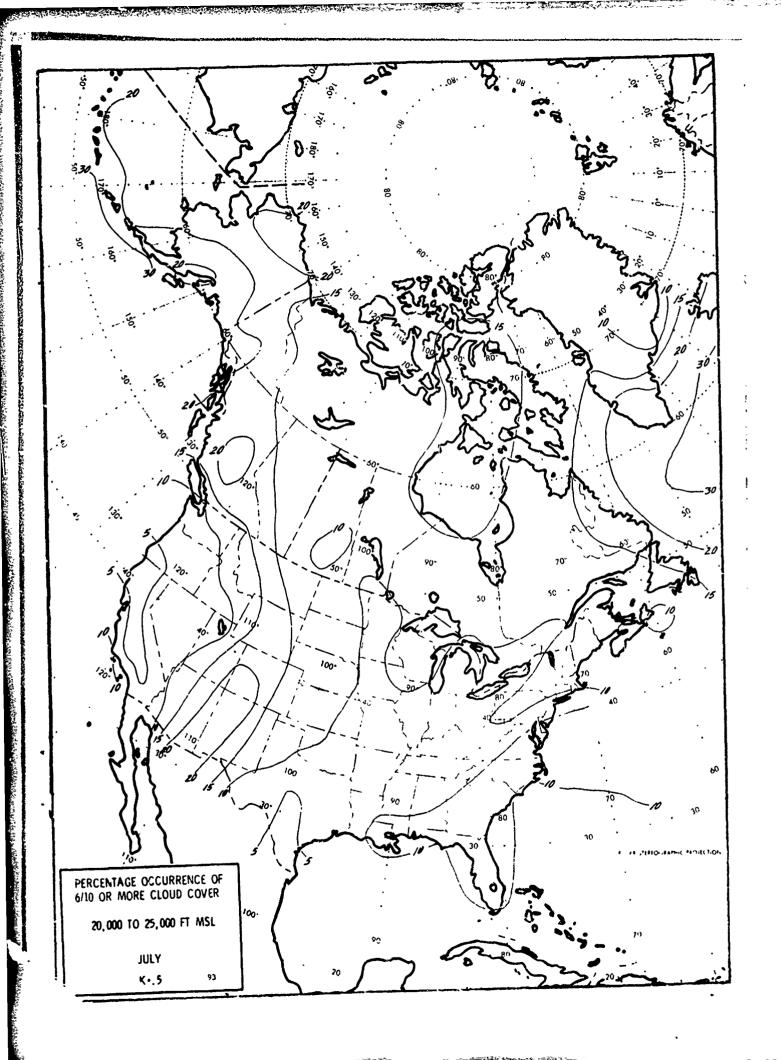


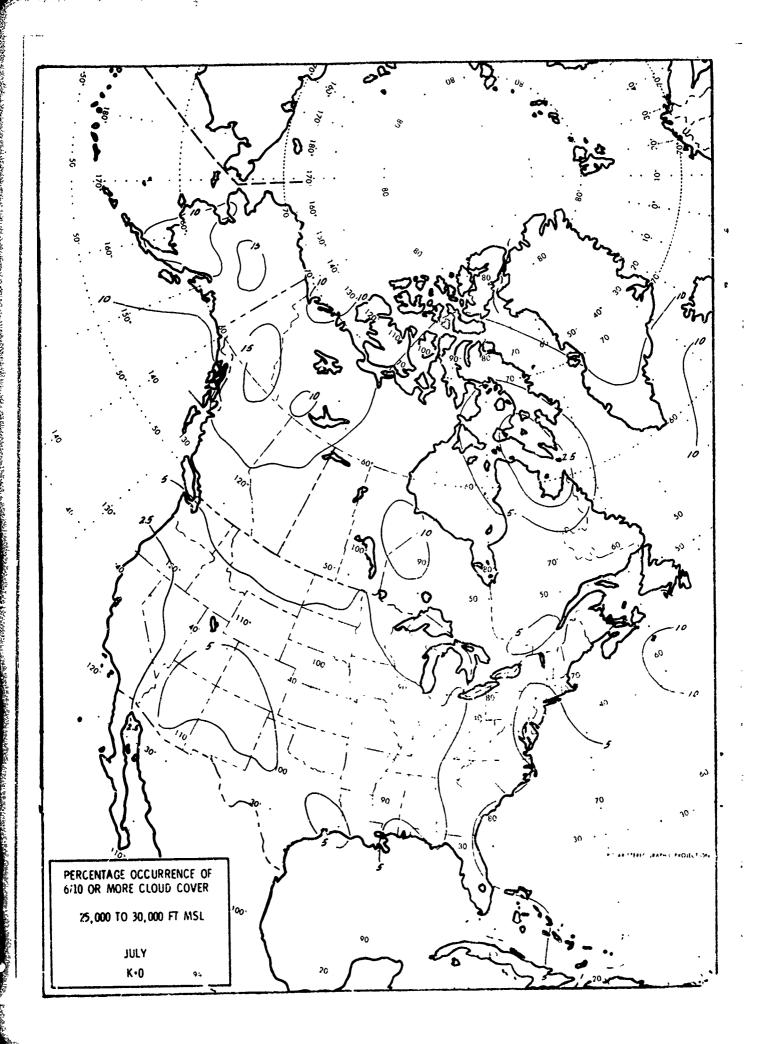


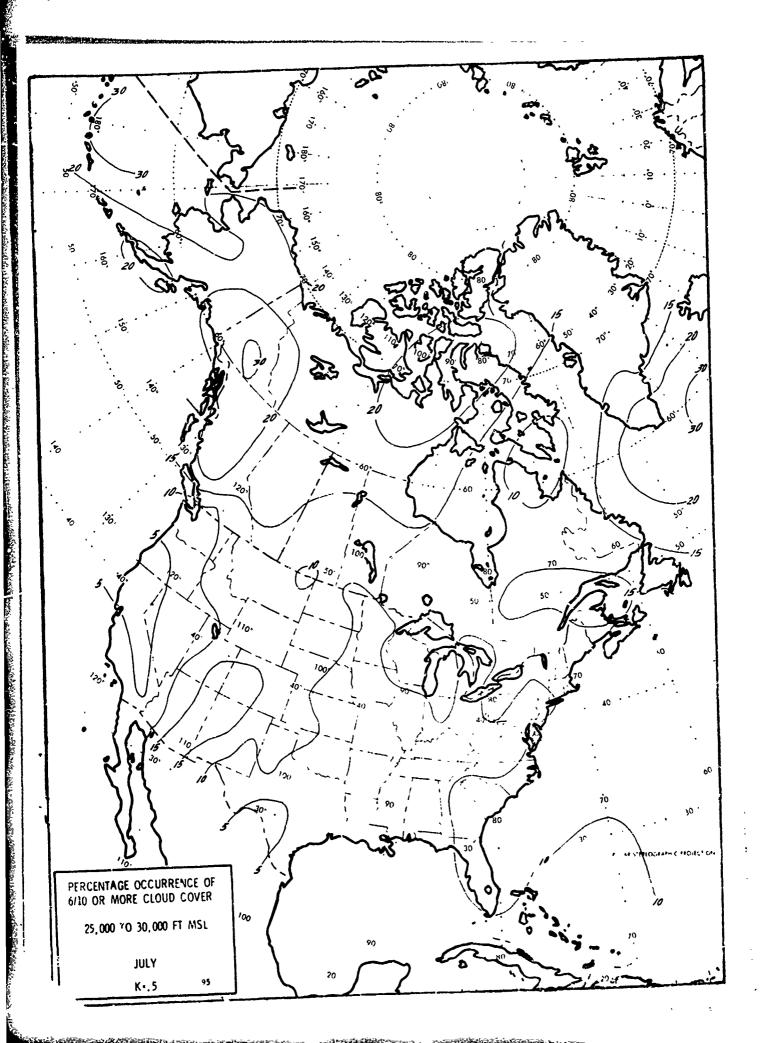


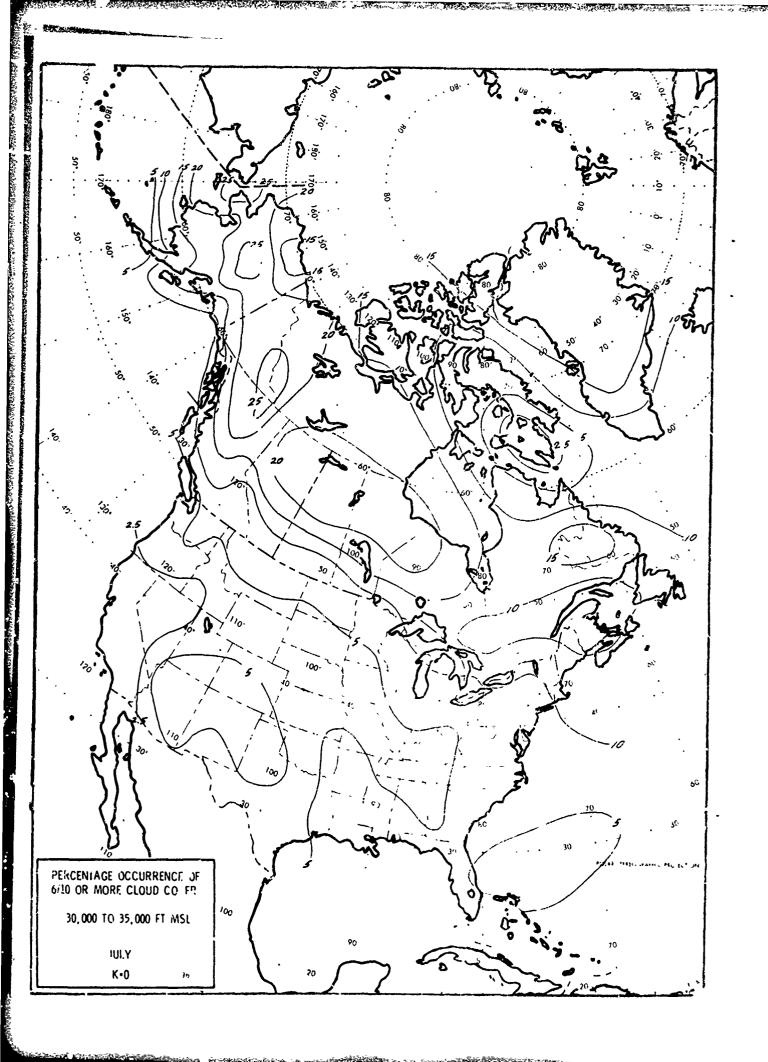


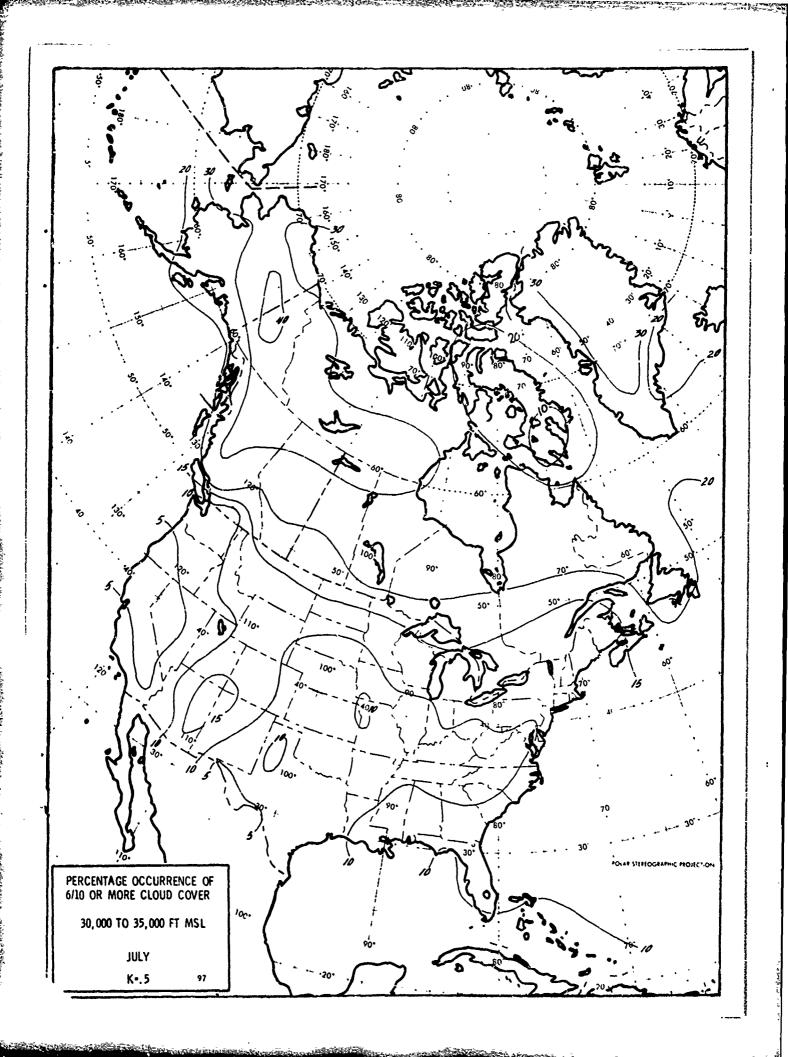


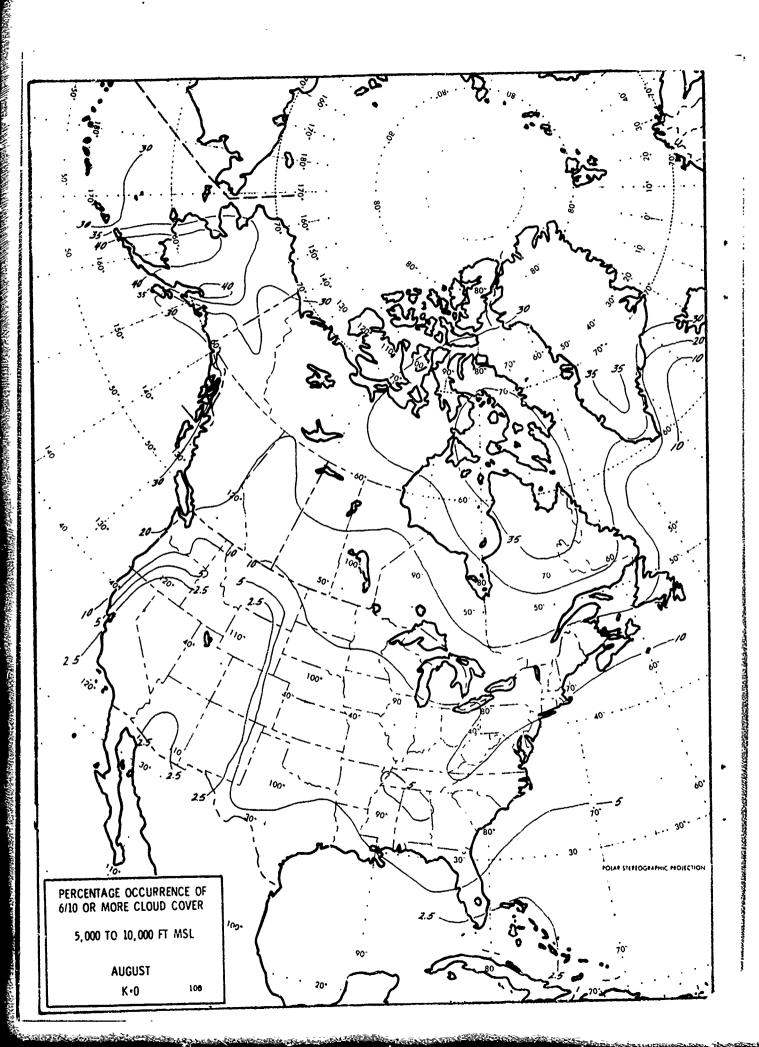


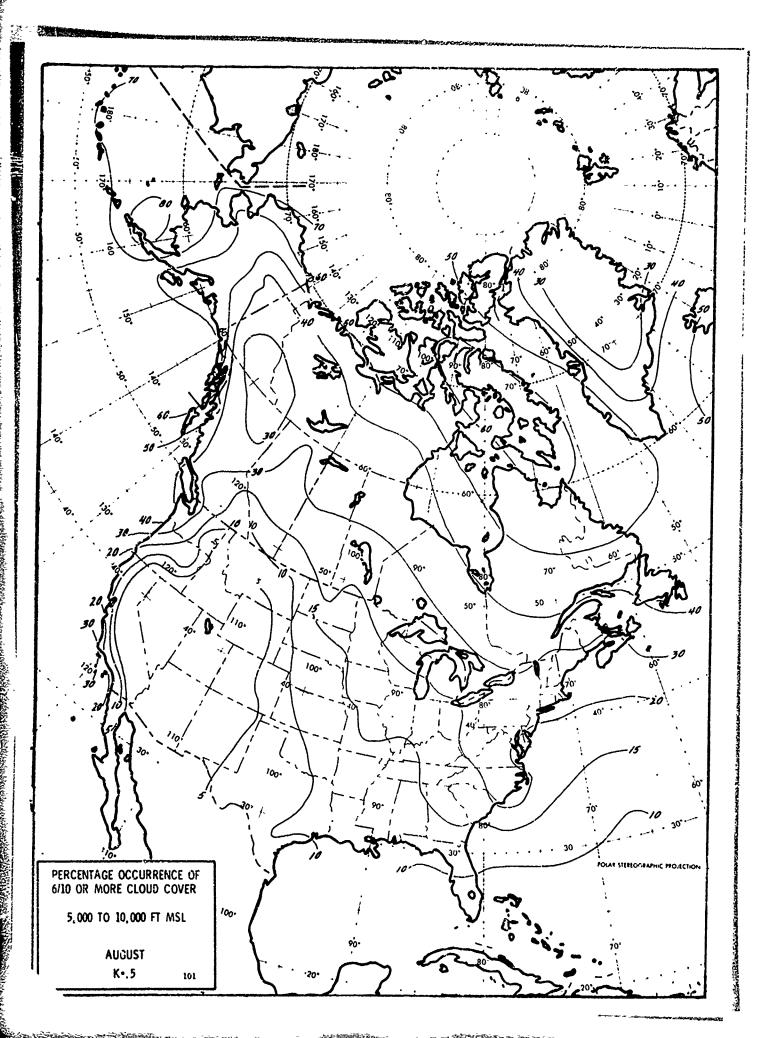


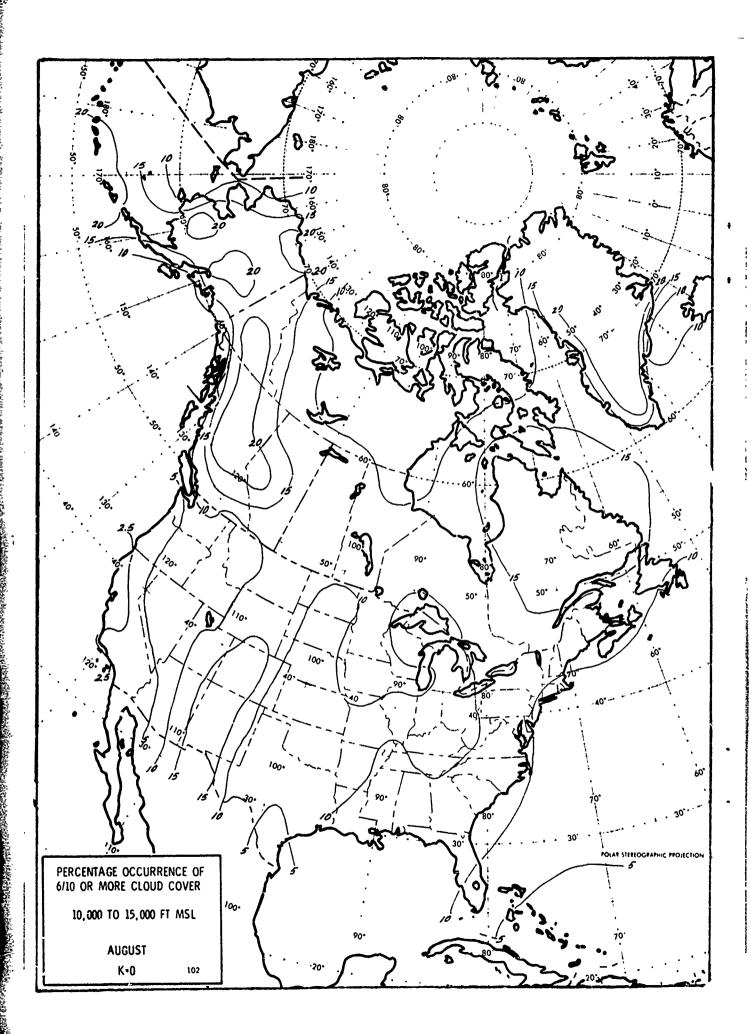


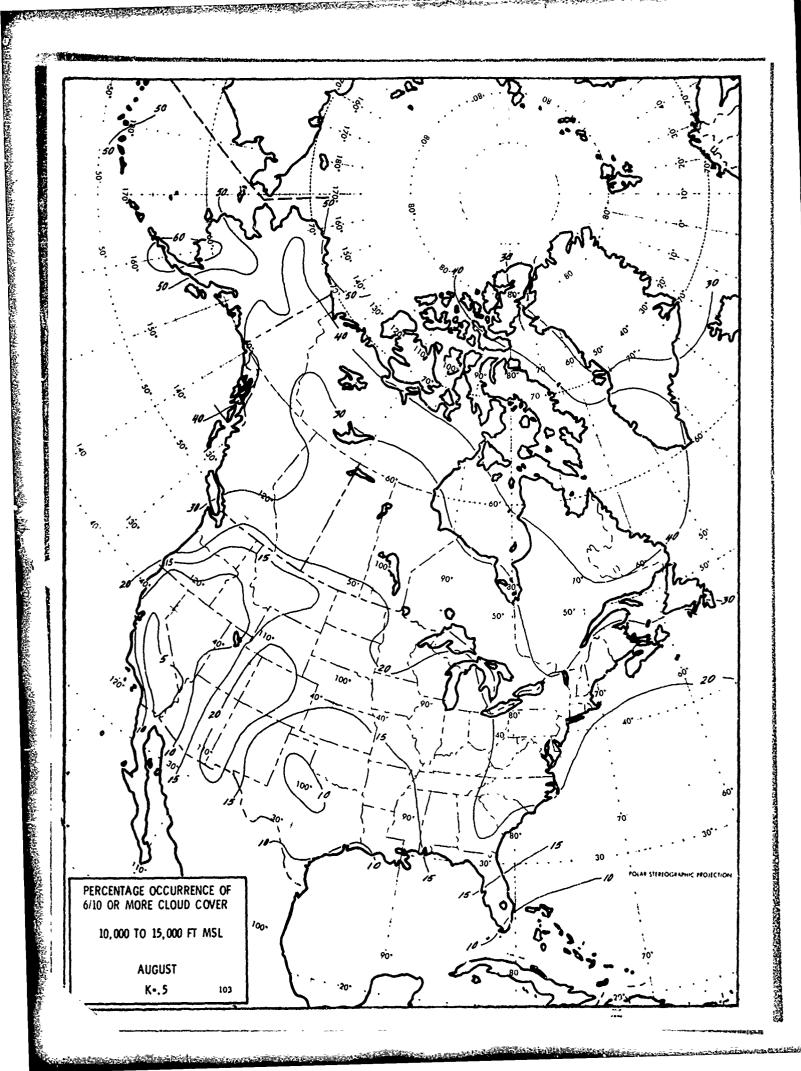


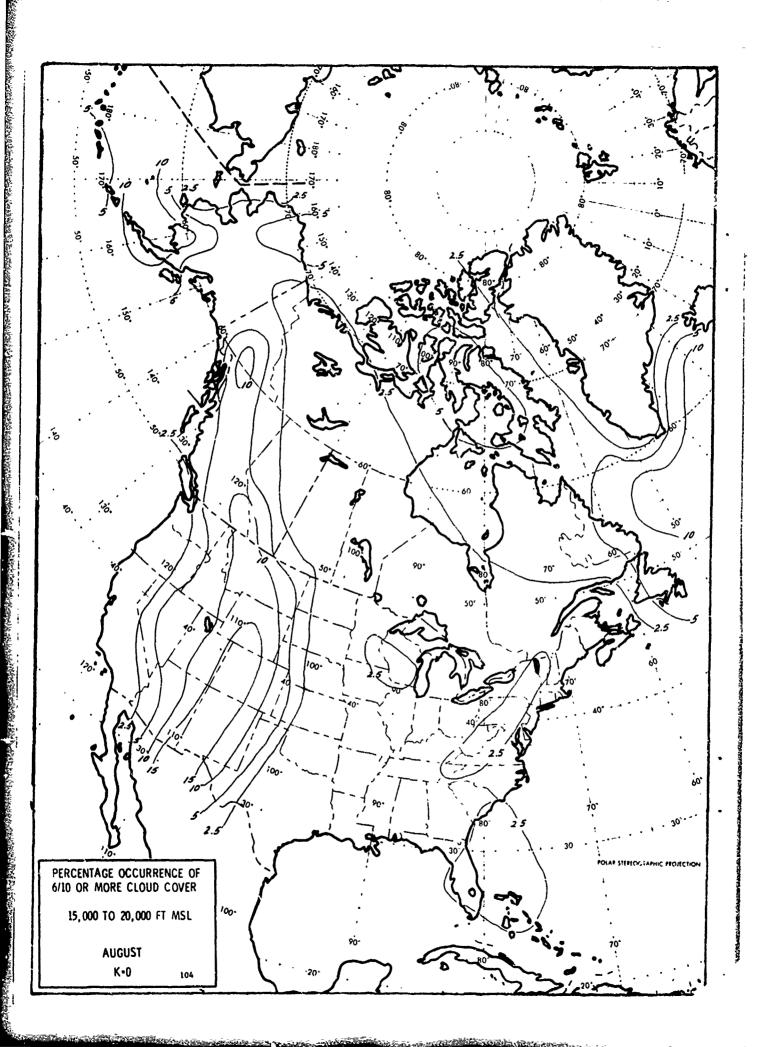


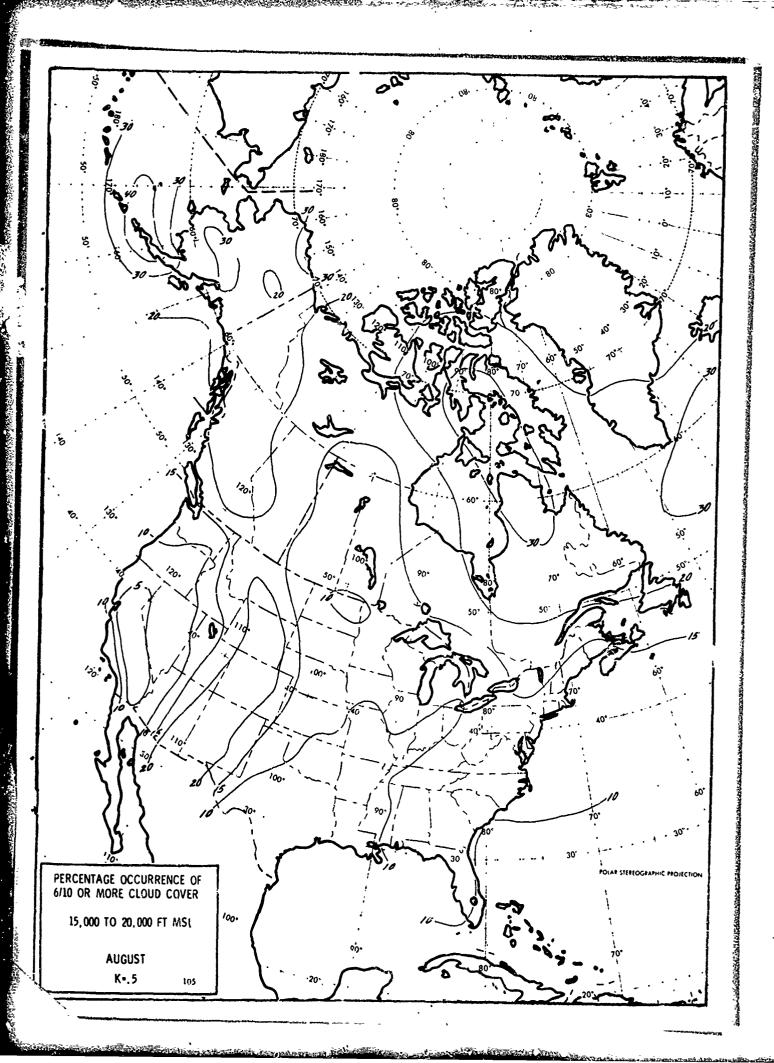


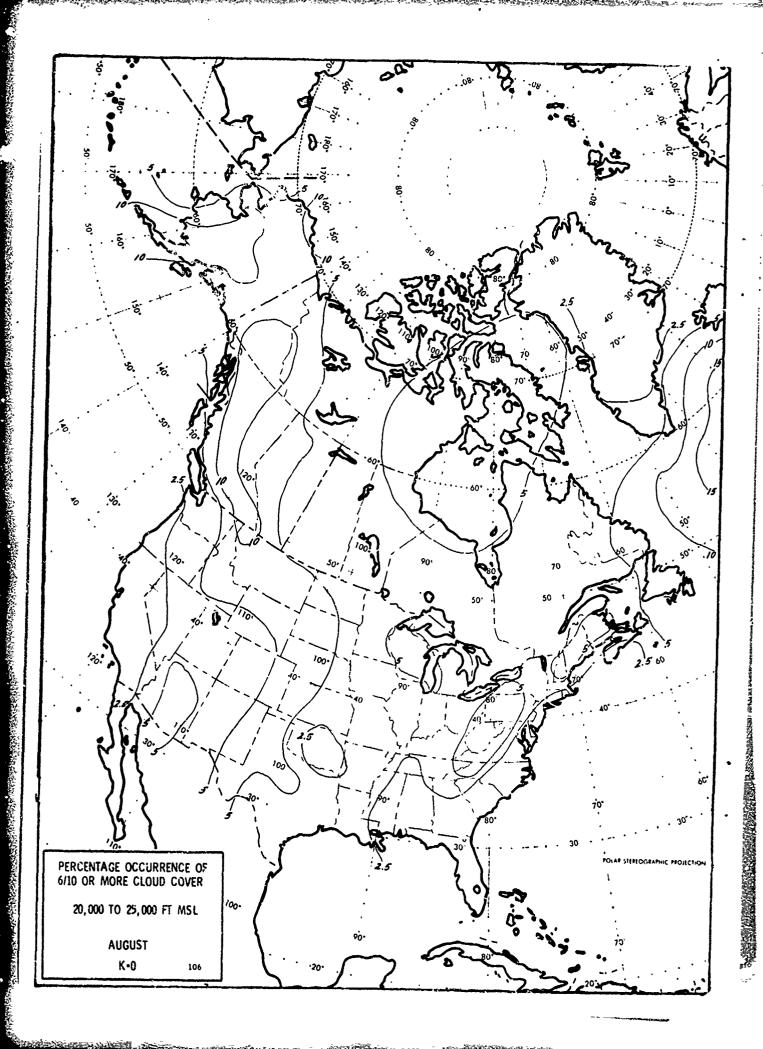


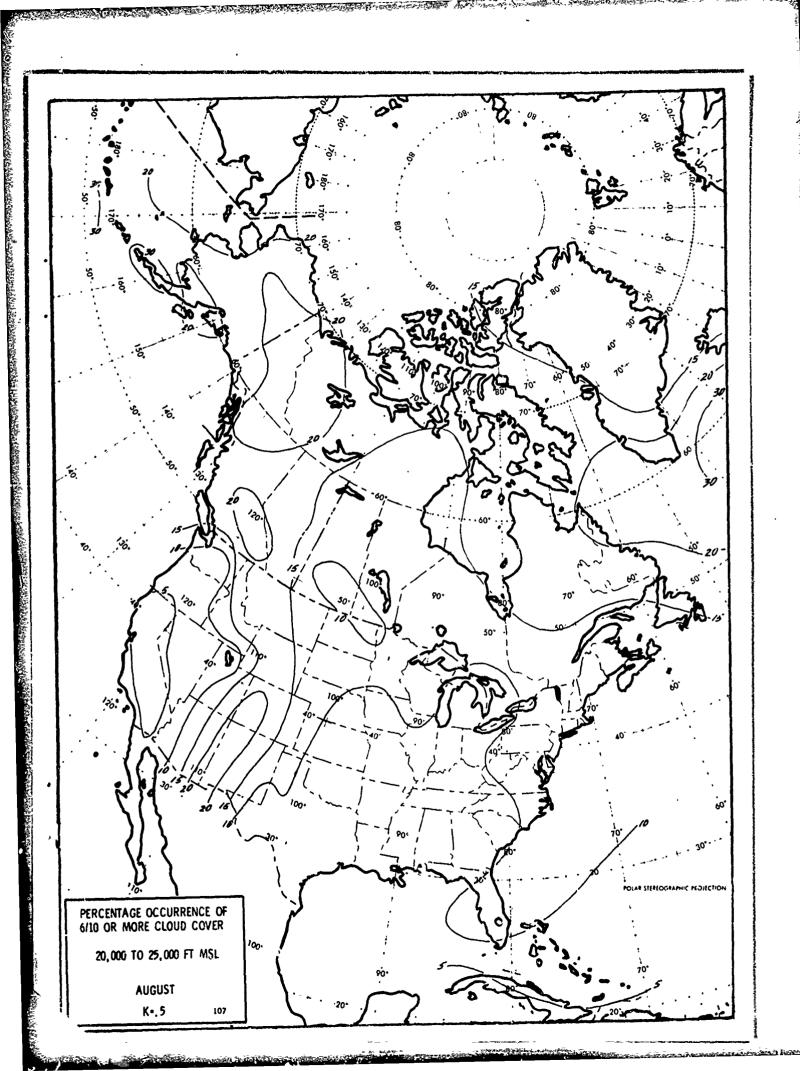


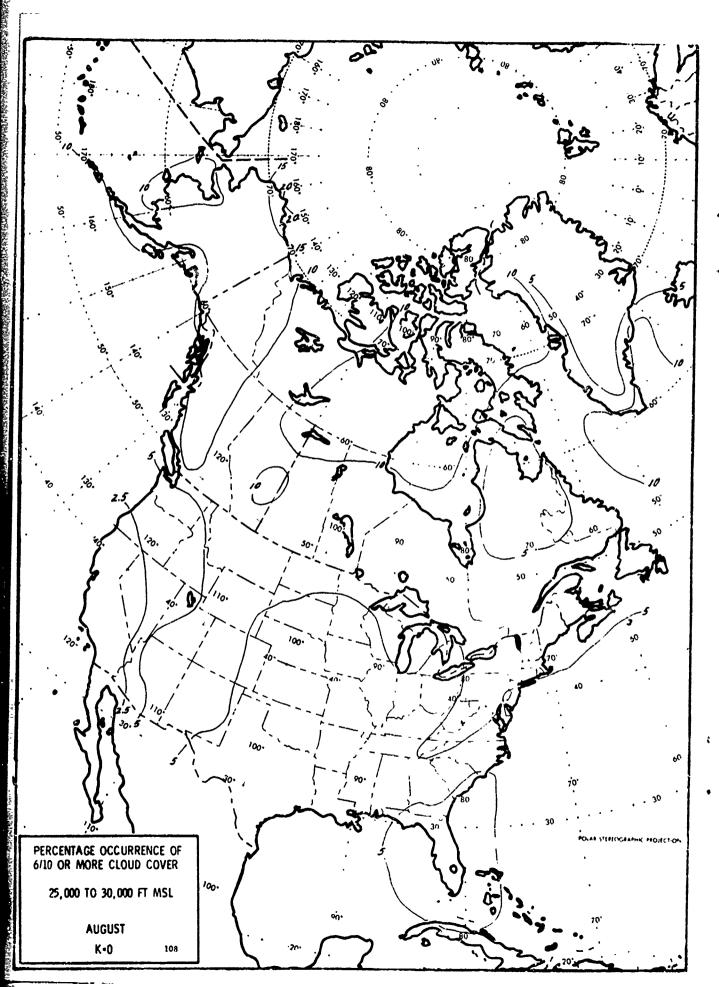












40 suin explorational to the contract sufficiently the project of the section

